

Skill Area and Skill Proficiency

(4) IT Architect

Skill Area

Job Category: IT Architect

Skill Area of IT Architect

	Specialty Fields	Skill Item
Job Category Common Skill Item	All Specialty Fields	<ul style="list-style-type: none"> ●Design of Architecture Analysis and Definition of Requirements (constraints), Definition of IT Architecture Design Policy, Design of IT Architecture, Feasibility Assessment from the Viewpoints of IT Architecture and Technology, Definition of Technological Issues and Analysis of Alternatives, Assessment of Platform and Component Technology ●Design Techniques Understanding of Modeling Techniques, Understanding and Application of Data Modeling Techniques, Understanding and Application of Process Modeling Techniques, Understanding and Application of Performance Modeling Techniques, Understanding and Utilization of Application Design Techniques, Understanding and Application of Infrastructure Design Techniques ●Standardization and Reuse Definition of Development Standards, Definition of IT Standards based on Basic Principles, Reuse of Existing Assets, Understanding and Application of Reuse Techniques, Development and Application of Reusable Assets, Understanding of Reusable Asset Management Process ●Utilization of Consulting Techniques Selection and Utilization of Consulting Techniques, Understanding and Utilization of Analysis Tools and Models ●Knowledge Management and Utilization Management and Utilization of Knowledge ●Technology Understanding of IT Industry Trends, Understanding of Relevant Technology (IT) Trends, Understanding and Application of Relevant Technology (IT) Standards ●Industry (Business) Understanding of Relevant Industry Trends, Understanding of Applications in Relevant Industries, Understanding and Applications of Relevant Industries (Businesses) Standards ●Project Management Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, Project Quality Management, Project Human Resource Management, Project Communications Management, Project Risk Management, Project Procurement Management ●Leadership Leadership ●Communication 2-Way Communication, Transmission of Information, Organization, Analysis and Retrieval of Information ●Negotiation Negotiation
Specialty Field Specific Skill Item	Application Architecture	<ul style="list-style-type: none"> ●Application Architecture Design Definition of Functional Requirements, Design of Functional Architecture, Feasibility Assessment of Functional Architecture
	Integration Architecture	<ul style="list-style-type: none"> ●Integration Architecture Design Definition of Integration Requirements, Integrated Architecture Design, Feasibility Assessment of Integration Architecture
	Infrastructure Architecture	<ul style="list-style-type: none"> ●Design of Infrastructure Architecture Definition of Infrastructure Requirements (Mainly Non-functional Requirements), Infrastructure Architecture Design, Feasibility Assessment of Infrastructure Architecture

Skill Proficiency/Knowledge Items

Job Category: IT Architect

Specialty Fields: Application Architecture

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Design of Architecture</p> <p>[Knowledge Items]</p> <p>-Analysis and Definition of Requirements (Constraints)</p> <p>-Definition of IT Architecture Design Policy</p> <p>-Design of IT Architecture</p> <p>-Feasibility Assessment from the Viewpoints of IT Architecture and Technology</p> <p>-Definition Technological Issues and Analysis of Alternatives</p> <p>-Assessment of Platform and Component Technology</p>	Level 7	<p>Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.</p>
	Level 6	<p>Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.</p>
	Level 5	<p>Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.</p>
	Level 4	<p>Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for the solution design in projects with less than 10 persons during peak periods.</p>
	Level 3	

Specialty Field:

Application Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Design Techniques</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Understanding of Modeling Techniques -Understanding and Application of Data Modeling Techniques -Understanding and Application of Process Modeling Techniques -Understanding and Application of Performance Modeling Techniques -Understanding and Utilization of Application Design Techniques -Understanding and Application of Infrastructure Design Techniques 	Level 7	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia and etc.
	Level 6	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Standardization and Reuse</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Definition of Development Standards -Definition of IT Standards based on Basic Principles -Reuse of Existing Assets -Understanding and Application of Reuse Techniques -Development and Application of Reusable Assets -Understanding of Reusable Asset Management Process 	Level 7	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality by promoting standardization and reuse, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Application Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Utilization of Consulting Techniques</p> <p>[Knowledge Items]</p> <p>-Selection and Utilization of Consulting Techniques</p> <p>-Understanding and Utilization of Analysis Tools and Models</p>	Level 7	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design, by using consulting methods, as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Knowledge Management and Utilization</p> <p>[Knowledge Items]</p> <p>-Management and Utilization of Knowledge</p>	Level 7	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge properly, its utilization, maintenance and management in the whole process of projects, preparation, from start to completion, and post completion, as a person responsible for the solution design in projects with 500 persons or more during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge properly, and its utilization, maintenance, and management, in the whole process of projects, preparation, from start to completion, and post completion, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge properly, and its utilization, maintenance, and management, in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge, and its utilization, maintenance, and management, as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
[Job Category Common Skill Item] ●Technology [Knowledge Items] -Understanding of IT Industry Trends -Understanding of Relevant Technology (IT) Trends -Understanding and Application of Relevant Technology (IT) Standards	Level 7	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia and etc.
	Level 6	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible of the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Application Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Industry (Business)</p> <p>[Knowledge Items]</p> <p>-Understanding of Relevant Industry Trends</p> <p>-Understanding of Applications in Relevant Industries</p> <p>-Understanding and Applications of Relevant Industries (Businesses) Standards</p>	Level 7	Able to carry out technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying the industry standards, etc, as a person responsible for the solution design in the project with 500 persons or more during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia and etc.
	Level 6	Able to carry out technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying the industry standards, etc, as a person responsible for the solution design in the project with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out technical proposal related to IT architecture design, by understanding industry trends, and recognizing and applying the industry standards, etc, as a person responsible for the solution design in the project with 10 but less than 50 persons during peak periods.
	Level 4	Able to carry out technical proposal related to IT architecture design, by understanding industry trends, and recognizing and applying the etc, as a person responsible for the solution design in the project with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Project Management</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Project Integration Management -Project Scope Management -Project Time Management -Project Cost Management -Project Quality Management -Project Human Resource Management -Project Communications Management -Project Risk Management -Project Procurement Management 	Level 7	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
[Job Category Common Skill Item] ●Leadership [Knowledge Items] -Leadership	Level 7	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for the solution design in projects in with 500 persons or more during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by leading IT architecture design team, as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Communication</p> <p>[Knowledge Items]</p> <p>-2-Way Communication -Transmission of Information -Organization, Analysis, and Retrieval of Information</p>	Level 7	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge on customer side, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge on customer side, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge on customer side, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out communications, by exchanging technical opinions related to IT architecture design with technical team members, as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Application Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Negotiation</p> <p>[Knowledge Items]</p> <p>-Negotiation</p>	Level 7	Able to obtain agreement, by carrying out technical and complicated negotiations related to IT architecture design with a person in charge on customer side, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to obtain agreement, by carrying out technical negotiations related to IT architecture design with a person in charge of customer side, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods with multiple architects.
	Level 5	Able to carry out technical negotiations related to IT architecture design with a person in charge of customer side, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out technical negotiations related to IT architecture design, by keeping communication with technical team members, as a person responsible for the solution design in the project with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Application Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Specialty Field Specific Skill Item]</p> <p>●Application Architecture Design</p> <p>[Knowledge Items]</p> <p>-Definition of Functional Requirements -Design of Functional Architecture -Feasibility Assessment of Functional Architecture</p>	Level 7	Able to perform IT architecture design around application areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to perform IT architecture design around application areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and multiple architects.
	Level 5	Able to perform IT architecture design around application areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform IT architecture design around application areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Skill Proficiency/Knowledge Items

Job Category: IT Architect

Specialty Field: Integration Architecture

Specialty Field:

Integration Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Design of Architecture</p> <p>[Knowledge Items]</p> <p>-Analysis and Definition of Requirements (Constraints)</p> <p>-Definition of IT Architecture Design Policy</p> <p>-Design of IT Architecture</p> <p>-Feasibility Assessment from the viewpoints of IT Architecture and Technology</p> <p>-Definition of Technological issues and Analysis of Alternatives</p> <p>-Assessment of Platform and Component Technology</p>	Level 7	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods with multiple architects.
	Level 5	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Integration Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Design Techniques</p> <p>[Knowledge Items]</p> <p>-Understanding of Modeling Techniques</p> <p>-Understanding and Application of Data Modeling Techniques</p> <p>-Understanding and Application of Process Modeling Techniques</p> <p>-Understanding and Application of Performance Modeling Techniques</p> <p>-Understanding and Utilization of Application Design Techniques</p> <p>-Understanding and Application of Infrastructure Design Techniques</p>	Level 7	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Integration Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Standardization and Reuse</p> <p>[Knowledge Items]</p> <p>-Definition of Development Standards</p> <p>-Definition of IT Standards based on Basic Principles</p> <p>-Reuse of Existing Assets</p> <p>-Understanding and Application of Reuse Techniques</p> <p>-Development and Application of Reusable Assets</p> <p>-Understanding of Reusable Asset Management Process</p>	Level 7	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality by promoting standardization and reuse, as a person responsible for the solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Integration Architecture

Skill Proficiency/Knowledge Items of IT Architect

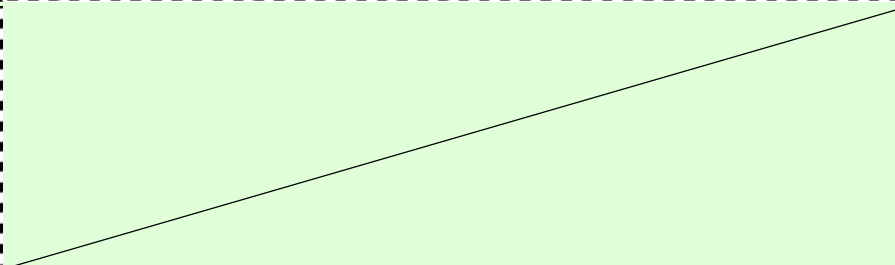
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Utilization of Consulting Techniques</p> <p>[Knowledge Items]</p> <p>-Selection and Utilization of Consulting Techniques</p> <p>-Understanding and Utilization of Analysis Tools and Models</p>	Level 7	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design, by performing selection and adaptation of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design, by utilizing consulting methods, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Knowledge Management and Utilization</p> <p>[Knowledge Items]</p> <p>-Management and Utilization of Knowledge</p>	Level 7	Able to carry out IT architecture design effectively and with high quality, by performing properly the database creation, utilization, maintenance and management in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 500 persons or more during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by performing properly the database creation of knowledge, and its utilization, maintenance, and management, in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge, and its utilization, maintenance, and management, in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by performing the database creation of knowledge, and its utilization, maintenance, and management, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Technology</p> <p>[Knowledge Items]</p> <p>-Understanding of IT Industry Trends</p> <p>-Understanding of Relevant Technology (IT) Trends</p> <p>-Understanding and Application of Relevant Technology (IT) Standards</p>	Level 7	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, etc., as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, etc., as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Industry (Business)</p> <p>[Knowledge Items]</p> <p>-Understanding of Relevant Industry Trends</p> <p>-Understanding of Applications in Relevant Industries</p> <p>-Understanding and Applications of Relevant Industries (Businesses) Standards</p>	Level 7	Able to make technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying industry standards, and etc., as a person responsible for solution design in projects with 500 persons or more during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to make technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying industry standards, and etc., as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to make technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying industry standards, and etc., as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to make technical suggestions related to IT architecture design, by understanding industry trends, and recognizing and applying industry standards and etc., as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Project Management</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Project Integration Management -Project Scope Management -Project Time Management -Project Cost Management -Project Quality Management -Project Human Resource Management -Project Communications Management -Project Risk Management -Project Procurement Management 	Level 7	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for solution design in project with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by carrying out project plan formulation, plan implementation, and change management related to IT architecture design, as a person responsible for solution design in projects with less than 10 persons during peak periods
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
[Job Category Common Skill Item] ●Leadership [Knowledge Items] -Leadership	Level 7	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects in with 500 persons or more during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 10 but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by leading IT architecture design team, as a person responsible for solution design in project with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Communication</p> <p>[Knowledge Items]</p> <p>-2-Way Communication -Transmission of Information -Organization, Analysis, and Retrieval of Information</p>	Level 7	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out communications, by exchanging technical opinions related to IT architecture design with technical team members, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
[Job Category Common Skill Item] ●Negotiation [Knowledge Items] -Negotiation	Level 7	Able to obtain agreement, by carrying out technical and complicated negotiations related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to obtain agreement, by carrying out technical negotiations related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods with multiple architects.
	Level 5	Able to carry out technical negotiations related to IT architecture design with a person in charge of customer side, as the person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out technical negotiations related to IT architecture design, by keeping communication with technical team members, as a person responsible for solution design in projects with less than 10 persons during peak periods
	Level 3	

Specialty Field: Integration Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Specialty Field Specific Skill Item]</p> <p>●Integration Architecture Design</p> <p>[Knowledge Items]</p> <p>-Definition of Integration Requirements</p> <p>-Integration Architecture Design</p> <p>-Feasibility Assessment of Integration Architecture</p>	Level 7	Able to perform IT architecture design around integration areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to present the related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to perform IT architecture design around integration areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform IT architecture design around integration areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods
	Level 4	Able to perform IT architecture design around integration areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Skill Proficiency/Knowledge Items

Job Category: IT Architect

Specialty Field: Infrastructure Architecture

Specialty Field:

Infrastructure Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Design of Architecture</p> <p>[Knowledge Items]</p> <p>-Analysis and Definition of Requirements (Constraints)</p> <p>-Definition of IT Architecture Design Policy</p> <p>-Design of IT Architecture</p> <p>-Feasibility Assessment from the viewpoints of IT Architecture and Technology</p> <p>-Definition of Technological Issues and Analysis of Alternatives</p> <p>-Assessment of Platform and Component Technology</p>	Level 7	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods with multiple architects.
	Level 5	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design and its feasibility assessment, by breaking down user demands into architecture requirements and reconfiguring them, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Design Techniques</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Understanding of Modeling Techniques -Understanding and Application of Data Modeling Techniques -Understanding and Application of Process Modeling Techniques -Understanding and Application of Performance Modeling Techniques -Understanding and Utilization of Application Design Techniques -Understanding and Application of Infrastructure Design Techniques 	Level 7	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform IT architecture design, by carrying out selection and application of optimum methodologies and modeling techniques, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Job Category Common Skill Item]</p> <p>●Standardization and Reuse</p> <p>[Knowledge Items]</p> <ul style="list-style-type: none"> -Definition of Development Standards -Definition of IT Standards based on Basic Principles -Reuse of Existing Assets -Understanding and Application of Reuse Techniques -Development and Application of Reusable Assets -Understanding of Reusable Asset Management Process 	Level 7	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for the solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to present the related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality by promoting standardization and reuse, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by promoting standardization and reuse, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Utilization of Consulting Techniques</p> <p>[Knowledge Items]</p> <p>-Selection and Utilization of Consulting Techniques</p> <p>-Understanding and Utilization of Analysis Tools and Models</p>	Level 7	Able to carry out IT architecture design, by performing selection and application of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design, by performing selection and adaptation of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design, by performing selection and adaptation of optimum consulting techniques, definition and practice of processes, and definition and creation of deliverables, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design, by utilizing consulting methods, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Knowledge Management and Utilization</p> <p>[Knowledge Items]</p> <p>-Management and Utilization of Knowledge</p>	Level 7	Able to carry out IT architecture design effectively and with high quality, by performing properly the database creation, its utilization, maintenance and management of knowledge in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 500 persons or more during peak periods and with multiple architects.
	Level 6	Able to carry out IT architecture design effectively and with high quality, by performing properly the database creation, its utilization, maintenance, and management of knowledge in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out IT architecture design effectively and with high quality, by performing the database creation, utilization, maintenance, and management of knowledge in the whole process of the project, preparation, from start to completion, and post completion, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out IT architecture design effectively and with high quality, by performing the database creation, utilization, maintenance, and management of knowledge, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Infrastructure Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Technology</p> <p>[Knowledge Items]</p> <p>-Understanding of IT Industry Trends</p> <p>-Understanding of Relevant Technology (IT) Trends</p> <p>-Understanding and Application of Relevant Technology (IT) Standards</p>	Level 7	Able to make technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to present the related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to make technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to make technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to make technical suggestions related to IT architecture design, by understanding technology trends and solving technical problems, and etc., as a person responsible for the solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Infrastructure Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Industry (Business)</p> <p>[Knowledge Items]</p> <p>-Understanding of Relevant Industry Trends</p> <p>-Understanding of Applications in Relevant Industries</p> <p>-Understanding and Applications of Relevant Industries (Businesses) Standards</p>	Level 7	Able to make technical suggestions related to IT architecture design, by understanding industry trends, recognizing and applying the industry standards, and etc., as a person responsible for solution design in projects with 500 persons or more during peak periods and with multiple architects. In addition, able to make a presentation of related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to make technical suggestions related to IT architecture design, by understanding industry trends, recognizing and applying the industry standards, and etc., as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to make technical suggestions related to IT architecture design, by understanding industry trends, recognizing and applying the industry standards, and etc., as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to make technical suggestions related to IT architecture design, by understanding industry trends, recognizing and applying the industry standards and etc., as a person responsible for solution design in projects with less than 10 persons during peak periods
	Level 3	

Specialty Field:

Infrastructure Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
[Job Category Common Skill Item] ●Project Management [Knowledge Items] -Project Integration Management -Project Scope Management -Project Time Management -Project Cost Management -Project Quality Management -Project Human Resource Management -Project Communications Management -Project Risk Management -Project Procurement Management	Level 7	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by carrying out project plan formulation, plan implementation and change management related to IT architecture design, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field:

Infrastructure Architecture

Skill Proficiency/Knowledge Items of IT Architect

Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Leadership</p> <p>[Knowledge Items]</p> <p>-Leadership</p>	Level 7	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 500 or more during peak periods and with multiple architects.
	Level 6	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform the project successfully, by issuing instructions and orders to IT architecture design team, as a person responsible for solution design in projects with 10 but less than 50 persons during peak periods.
	Level 4	Able to perform the project successfully, by leading IT architecture design team, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Communication</p> <p>[Knowledge Items]</p> <p>-2-Way Communication -Transmission of Information -Organization, Analysis, and Retrieval of Information</p>	Level 7	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to carry out communications, by exchanging technical opinions related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out communications, by exchanging technical opinions related to IT architecture design with technical team members, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items	Skill Proficiency	
<p>[Job Category Common Skill Item]</p> <p>●Negotiation</p> <p>[Knowledge Items]</p> <p>-Negotiation</p>	Level 7	Able to obtain agreement, by carrying out technical and complicated negotiations related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects.
	Level 6	Able to obtain agreement, by carrying out technical negotiations related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods with multiple architects.
	Level 5	Able to carry out technical negotiations related to IT architecture design with the person in charge of customer side, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to carry out technical negotiations related to IT architecture design, by keeping communication with technical team members, as a person responsible for the solution design in projects with less than 10 persons during peak periods
	Level 3	

Specialty Field: Infrastructure Architecture	Skill Proficiency/Knowledge Items of IT Architect	
Skill Item and Knowledge Items		Skill Proficiency
<p>[Specialty Field Specific Skill Item] ●Design of Infrastructure Architecture</p> <p>[Knowledge Items]</p> <p>-Definition of Infrastructure Requirements (Mainly Non-functional Requirements) -Infrastructure Architecture Design -Feasibility Assessment of Infrastructure Architecture</p>	Level 7	Able to perform IT architecture design around infrastructure areas successfully, by leading other IT architects, and by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 500 or more persons during peak periods and with multiple architects. In addition, able to present the related subjects at academic societies, technical communities, symposia, and etc.
	Level 6	Able to perform IT architecture design around infrastructure areas successfully, by leading other IT architects, and by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 50 or more but less than 500 persons during peak periods and with multiple architects.
	Level 5	Able to perform IT architecture design around infrastructure areas successfully, by leading architecture design teams, and by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with 10 or more but less than 50 persons during peak periods.
	Level 4	Able to perform IT architecture design around infrastructure areas successfully, by carrying out requirements definition, architecture design, and architecture assessment, as a person responsible for solution design in projects with less than 10 persons during peak periods.
	Level 3	

