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## Enterprise architect vs solutions architect

Let us match you with freelancers to fulfill a missing skills or role in your team. Let us match you with a fully freelance team, ready to follow your example. Let us match you with a fully managed freelance team for your project. The model is very useful because you are able to access any expertise you come up with, but you don't have to evaluate 30 people... they screen for you, which I find very useful. Tim VolkemaCEO, Schuil Coffee A domain expert from our team will work with you to understand your goals, freelance needs, team dynamics and more. Within a few days, we'll introduce you to your new freelancers. The average time to adjust is 1-3 business days. We guarantee all our freelance talent. If you're not happy, we'll work to make it right. Entrepreneur NEXT is a freelance talent matching platform. Enterprise IT architect certifications appear most often at the top of certification programs, where less than 1% of IT professionals end up rising. However, there are many IT architectural certifications available and you don't need to invest in the vision of a single certification sponsor to reach the top. Many IT certifications in this area are outside the umbrellas of suppliers, which means that they are supplier neutral or supplier-agnostic. Nevertheless, the number of vendor-specific IT certifications exceeds vendor neutral by a factor of more than 2 to 1. That's why we're devoting to all these references, because we came across them in search of the best enterprise architect certifications. For IT professionals who have already invested in vendor-specific certification programs, architect-level credentials may indeed be worth pursuing. Enterprise architects are among the highest paid employees and consultants in the tech industry. What do enterprise architects do? Enterprise architects are technical experts who are able to analyze and assess organizational needs, make recommendations regarding technological change, and design and implement these changes across the organization. How much does an enterprise architect earn? The national average salary per SimplyHired is \$130,150, in a range of \$91,400 to a whopping \$185,330. Glassdoor reports \$133,433 as an average. Ultimately, the value of an IT certification depends on how long the individual worked and in what part of the IT patch. How do I become an enterprise architect? Becoming an enterprise architect is not easy. Although the requirements may vary from employer to employer, most business architects have a bachelor's degree or higher in a computer-related field, along with 5-10 years of professional work experience. Enterprise architects obtain additional certification beyond graduation. Why should I be certified? Certifications are a great way to show potential employers that you have the experience and technical skills needed to do the job and give you a competitive advantage in hiring. Certification holders also often earn more than their uncertified counterparts, making certifications a valuable career-building tool. Which certifications are the best? Below are our top five certification picks. Before you go through our best choices, check out the results of our informal survey of the job board. Data indicates the number of job openings that listed our recommended certifications on a given day. The data should give you an idea of the relative popularity of each of these certifications. Jobs ( search results (in alphabetical order, certification) Certification SimplyHired Indeed LinkedIn Jobs LinkUp Total AWS Certified Solution Architect (Amazon Web Services) 1,035 464 2,672 240 4,411 CTA (Salesforce) 303 787 3,201 353 4,644 ITIL Master (Axelos) 641 848 1, 218 1,119 3,826 TOGAF 9 (The Open Group) 443 730 271 358 1,802 Zachman Certified – Enterprise Architect (Zachman) 86 107 631 252 1,076 AWS Certified Solution ArchitectMaker His first appearance on the leaderboards is the Certified Architect Solutions from reference Amazon Web Services (AWS). AWS, a subsidiary of Amazon, is a world leader in on-demand cloud computing. AWS offers numerous products and services to support its customers, including the popular Amazon Simple Storage Service (S3) and Amazon Elastic Compute Cloud (EC2). AWS also offers numerous cloud applications and developer tools, including Amazon Comprehend, Amazon SageMaker Batch Transform and Amazon Lightsail.AWS offers foundation-based certifications, associate and professional in five role-based categories: architect, developer, operations, cloud and special certifications. Basic-level certifications validate a candidate's understanding of the AWS cloud and serve as a prerequisite for AWS certifications. Foundation certifications are a recommended starting point for those looking for higher level credentials. Associate credentials usually have no conditions and focus on technical skills. They are required to obtain certifications at the professional level, the highest level of technical certification available. Specialty certs, meanwhile, focus on skills in targeted areas. AWS Certified Solutions Architect – Associate 2019AWS currently offers the following credentials: Foundation credentials: AWS Certified Cloud Practitioner Associate credentials: AWS Certified Solutions Architect Associate, AWS Certified Big Data and AWS Certified Security Level. The associate credential focuses on candidates with at least one year of experience designing and implementing solutions about AWS applications and technologies. AWS updated the associate-level exam in February 2018 with best practices for architecture and new services. The AWS Certified Solutions Architect – Professional certification focuses on senior AWS architects who can design, design, implement and manage complex AWS solutions at enterprise level based on defined organizational requirements. Candidates must have at least two years of direct experience in implementing and designing the AWS cloud and be able to translate organizational requirements into solutions and recommend best practices. The partner reference is a mandatory condition. AWS Certified Solution Architect Facts and Grades Certification name Certified Solution Architect – Associate Certified Solution Architect – Professional conditions and required courses Employee: One year of hands-on experience recommended, AWS Certified Cloud Practitioner Professional: Certified Solution Architect – Associate credential plus minimum two years hands-on experience Number of exams Associate: One exam (65 questions, 130 minutes to complete) Professional: An exam (170 minutes to complete) Certification fee Associate: \$150 (practice exam \$20) Professional: \$300 (exercise exam \$40) URL AWS Tutorial makes sample questions, practice exams, exam guides, whitepapers and more available on the certification home page. CTA: Certified Technical Architect In 1999, Salesforce revolutionized the world of CRM when it introduced the concept of using the cloud to deliver premium CRM software. Today, Salesforce has more than 150,000 customers, making it the market leader in CRM enterprise cloud platforms. Currently, Salesforce provides solutions for a variety of focus areas, including sales, service, marketing, commerce, engagement, community, productivity (Quip), platform and ecosystem, integration, analytics, enablement, internet of things (IoT), artificial intelligence, mobility and industry (financial and health). To meet industry needs for qualified and experienced professionals with the skills needed to support the growing customer base, Salesforce CRM has developed and maintained a top-level certification program. It offers many paths to candidates, including for administration, app building, architecture and marketing. Salesforce Architect certifications are hierarchical, with most (but not all) lower-level credentials serving as a prerequisite for more advanced credentials. At the top of the certification pyramid is the highest reference a Salesforce professional can earn: the Certified Technical Architect (CTA), our Salesforce certification. The Salesforce Architect certification pyramid has three levels: specializations: these form the bottom layer of the pyramid. Salesforce crm offers eight specializations, four of which support applications support applications while the other four support system solutions. Application specializations include certifications for Data Architecture and Management Designer, Sharing and Visibility Designer, Platform Developer I and Platform App Builder. System specializations include Development Lifecycle and Deployment Designer, Identity and Access Management Designer, Integration Architecture Designer and Platform Developer I. System specializations include Development Lifecycle and Deployment Designer, Identity and Access Management Designer, Integration Architecture Designer, and Platform Developer I credentials. Domain Architect: There are two Salesforce Domain Architect references: the Certified Application Architect and the Certified System Architect. The Certified Application Architect designation targets professionals with expert-level knowledge in Salesforce product functionality and features, while Certified System Architect's reference focuses on governance, integration, and testing. Both references require that the candidate first earns his corresponding specialization certifications, in addition to meeting other requirements. Technical architect: The Certified Technical Architect (CTA) is the highest Salesforce reference available. CICAs are experts in all Salesforce domains and have the skills needed to design, build, and deploy Salesforce platform solutions. While the CTA is a challenge to earn, it's important for IT professionals who take a career in Salesforce technologies seriously. CTA Facts and Figures Certification name Certified Technical Architect (CTA) Conditions and required courses Salesforce Certified Application Architect and Salesforce Certified System Architect: Five years of implementation experience (must include development experience in the entire software development lifecycle) Three years of experience in an architect role Two years of experience with the Lightning Platform (one year must be an architect in implementing Salesforce technologies and applications) Experience as a technical architect at complex implementations OR equivalent knowledge through project participation Additional experience – guiding teams on platform technology; identifying and mitigating technical risks; exposure to project globalisation, object-oriented design patterns, platform-specific design patterns and limits; developing code on the Force.com platform; building and and security complexes; mechanisms and capabilities on the Force.com platform as part of a functional security model; knowledge of data migration, design trade-offs and ETL tools, large data volume considerations, risks and mitigation strategies, general mobile solutions and architecture, mobile solutions on the platform, and considerations, as well as project and development lifecycle methodologies Number of exams One exam (four hours to complete; candidates must formulate, justify, and present recommendations based on a hypothetical scenario to an assessment committee) Certification cost \$6,000 Remission Costs: \$3,000 URL Tutorial Salesforce maintains links on the certification web page to numerous review materials, including online documentation, tip sheets, user guides, exam guide and overview, Journey architect e-books, Trailhead trails, and the Salesforce certification guide. ITIL Master Certificate – IT Service ManagementOne of our favourite reference sets (and also for employers, judging by job board figures) is Axelos' ITIL for IT Service Management references. Axelos is a global provider of standards designed to drive best practices and quality in organizations. ItIL (Information Technology Infrastructure Library) joined the Axelos family in 2013. Axelos manages ITIL requirements and updates, provides accreditation to research institutes (EIs) and licenses organizations that want to use ITIL. In addition to ITIL certifications, Axelos provides references for Prince2 2017 (including Foundation, Practitioner and Agile qualifications), Prince2 Agile, Resilia, MSP, MoP, M o R, P30, MoV, P3M3 and AgileSHIFT. ITIL is a set of well-defined and respected best practices specifically focused on IT service management. There are more than 2 million ITIL certified practitioners worldwide. ITIL is perhaps the most well-known and globally adopted set of best practices and management tools for IT service management and support. ITIL Foundation (2011): Complete course and 2 practical examsAxelos maintains a robust ITIL certification portfolio consisting of five ITIL references: ITIL Foundation: an entry-level reference that validates general ITIL knowledge, including terminology, concepts, elements, services lifecycle and ITIL processes ITIL Practitioner: A springboard reference for the Intermediate reference that tests a candidate's ability to use ITIL principles within their business organization ITIL Intermediate: an industry-recognized qualification with a modular structure, each module focused on a different aspect of IT service management ITIL Expert: An expert-level reference for candidates who have broad ITIL knowledge covering the entire ITIL scheme ITIL Master: The highest ITIL ITIL recommending and implementing ITIL best practices Axelos introduced ITIL 4 in early 2019. ITIL 3 practitioners should regularly check the Axelos website for updates on the transition to ITIL 4 and the availability of itil 4 transition modules. The ITIL Master is the top ITIL certification, which requires experience, dedication and a thorough knowledge of ITIL principles, practices and techniques. To get the itil master designation, candidates must have at least five years of leadership, advisory or other leadership experience in the field of IT service management. They must also hold the ITIL Expert certification. Once skills and certification requirements are met, real certification work begins. After completing the conditions, candidates must register with PeopleCert, the only recognized Axelos Examination Institute, and submit an application. Candidates then prepare a proposal for a business improvement and submit it within their organization. The proposal is submitted by a work package, which documents a real-world project that includes multiple ITIL areas. The work package (1) validates how the candidate applied ITIL principles, practices and techniques to the project; and (2) documents the effectiveness of the solution and the ultimate benefit the company received as a result of the ITIL solution. Finally, candidates must pass a meeting with an assessment panel where they defend their solution. Axelos will soon be sponsoring 50 lucky people in their quest for the ITIL 4 Master certification. You register your interest in the program here. ITIL Master facts and grades Certification name ITIL Master Certificate – IT Service Management Conditions and required courses ITIL Expert Certificate: Five years of IT service experience in leadership, leadership or advisory roles Number of exams No exam required, but candidates must perform the following steps: Register with PeopleCert. Then apply. Submit a proposal. Send work package. Attend the interview. Certification fees \$4,440 if all ITIL credits obtained through PeopleCert \$5,225 as some ITIL credits were obtained from other INSTITUTES URL Tutorial materials Axelos provides documentation to guide candidates in preparing the proposal and work package submissions. Available documents include ITIL Master FAQs, ITIL Master Proposal Requirements and Scope, and ITIL Master Work Package Requirements and Scope. TOGAF 9A leader in enterprise architecture, the standards and certifications of The Open Group are recognized worldwide. The Open Group Architecture Framework (TOGAF) standard for enterprise architecture is popular among leading organisations on AI present, TOGAF is the development and architecture framework of choice for more than 80% of the popularity reflects that the framework standard is specifically tailored to all aspects of enterprise-level IT architectures, with an emphasis on building efficiency within an organization. The scope of the standard approach covers everything from design and planning

phases to implementation, maintenance and governance. The Open Group offers various enterprise architect references, including TOGAF, Open CA, ArchiMate, IT4IT and the foundational Certified Technical Specialist (Open CTS). The Open Group reports that there are more than 75,000 TOGAF-certified enterprise architects. Currently, there are two TOGAF references: the TOGAF 9 Foundation (Level 1) and TOGAF 9 Certified (level 2). (The TOGAF framework is currently based on version 9.2, although the reference name still displays version 9.) The TOGAF 9 Foundation, or level 1, focuses on architects who demonstrate understanding for TOGAF principles and standards. A single exam is required to earn the level 1 designation. The level 1 exam focuses on TOGAF-related concepts such as TOGAF reference models, terminology, core concepts, standards, ADM, architectural governance and enterprise architecture. The level 1 reference serves as a springboard to the more advanced TOGAF Level 2 certification. The TOGAF 9 certified or Level 2 reference contains all level 1 requirements. Level 2 TOGAF architects have in-depth knowledge of TOGAF standards and principles and can apply them to organizational goals and infrastructure at enterprise level. To earn this designation, candidates must first earn the level 1 reference and pass the level 2 exam. The Level 2 exam includes TOGAF concepts such as ADM phases, governance, content framework, building blocks, stakeholder management, metamodels, TOGAF techniques, reference models and ADM iterations. Candidates who want a fast track to level 2 certification can pass a combination exam that meets the requirements for both level 1 and 2. Training is not mandatory for both references, but is highly recommended. The training takes 2-5 days, depending on the provider and whether you follow the combined or single-level course. The Open Group keeps a list of accredited training providers and a schedule of up-to-date training opportunities on the certification web page. TOGAF 9 facts and grades Certification name TOGAF 9 Foundation (Level 1) TOGAF 9 Certified (Level 2) Conditions and required courses TOGAF 9 Foundation (Level 1): None TOGAF 9 Certified (Level 2): TOGAF 9 Foundation (Level 1) credentials Number of exams Level 1: One exam (40 questions, one exam, 60 minutes, 55% required to pass) Level 2: One exam (eight questions, 90 minutes) Level 1 and 2 combined exam (48 questions , 2.5 hours) Certification fee \$320 each for level 1 Level 2 exams \$495 for combined Level 1 and Level 2 exam exams are administered by Pearson VUE. Some training providers the exam with the training. URL Tutorial a number of resources are available from The Open Group, including whitepapers, webinars, publications, TOGAF standards, the TOGAF Foundation Study Guide (\$29.95 for PDF; including practice exam), practice test (99 cents for PDF) and the TOGAF 9 Certified Study Guide (a combined study guide is available for \$59.95). The Open Group also keeps a list of accredited training program providers and a calendar of training events. Zachman Certified - Enterprise ArchitectFounded in 1990, Zachman International promotes education and research for enterprise architecture and the Zachman Framework. Instead of a traditional process or methodology, the Zachman Framework is more accurately referred to as an ontology. Ontologies differ from a traditional methodology or process in that, instead of focusing on the process or execution, they focus on the properties, types, and interrelationships of entities that exist within a particular domain. The Zachman Framework ontology focuses on the structure, or definition, of the object and the enterprise. Developed by John Zachman, this framework sets a standard for enterprise architecture ontology. Zachman International currently offers four enterprise architect credentials: Enterprise Architect Associate Certification (Level 1): Candidates must participate in a four-day modeling workshop and pass a single exam. The workshop includes key concepts related to business architecture and the Zachman Framework, case studies, engineering vs. primitive models and production vs. composite models, and hands-on experience in building Framework models. The workshop fee (\$3,499) includes exam and certification fees for level 1 and level 2. Enterprise Architect Practitioner Certification (level 2): Architects must submit case studies of primitive and composite models that address specific management issues. Case studies should pass an arbitrator review. Enterprise Architect Professional Certification (level 3): Candidates must complete a case study showing that primitive (architectural) and composite (implementation) models are demonstrated and complete a referee assessment. Level 3 credential holders can advertise themselves as Zachman consultants. Enterprise Architect Educator Certification (Level 4): Designed for teachers, this reference prepares candidates to develop and teach the Zachman Framework. To earn this reference, candidates must go through all educational materials related to the Zachman Framework, develop their own curricula and course materials, and present these materials for and approval. Although this is not necessary, Zachman advises that level 4 candidates obtain the Level 3 Professional designation. Zachman's credentials are valid for three years. In order to maintain these references, candidates must education credits (referred to as APPs). The total number of EAP's required varies by certification level. Zachman Certified - Enterprise Architect Facts and Figures Certificationname Enterprise Architect Associate Certification (Level 1) Enterprise Architect Practitioner Certification (Level 2) Enterprise Architect Professional Certification (Level 3) Enterprise Architect Educator Certification (Level 4) Conditions and Required Courses Level 1 Associate: Four-Day Modeling Workshop (\$3,499) Level 2 Practitioner: None Level 3 Professional: None Level 4 Educator: Review all materials related To The Zachman Framework; Level 3 Professionally Recommended Number of Exams Level 1 Associate: An Exam Level 2 Practitioner: No Exam; case studies and referee review requires Level 3 Professional: No exam; case studies and referee review requires Level 4 Educator: None; must develop and submit curriculum and course materials for assessment and validation Certification Costs Level 1 Associate: Exam costs included as part of the required Level 2 Practitioner course: None, included as part of level 1 required course Level 3 Professional: Unavailable Level 4 Educator: Unavailable URL Tutorial Live classroom and distance learning opportunities are available. Zachman also offers webcasts, a glossary, the Zachman Framework for Enterprise Architecture and reference articles. Beyond the top 5: More enterprise architect certificationsThe Red Hat Certified Architect (RHCA) is a great reference, especially for professionals working with Red Hat Enterprise Linux.The Project Management Professional (PMP) certification of PMI continues to appear in many enterprise architect job descriptions. Although the PMP is not an enterprise architect certification per se, many employers are looking for this particular combination of skills. Beyond our top five vendor-neutral enterprise architect certifications (which focus on more general, heterogeneous views of IT systems and solutions), there are numerous architect-level certifications from a wide range of vendors and sponsors, most of which are vendor-specific. The table below identifies those vendors and sponsors, lists their architect-level credentials, and provides links to more information about those offers. Choosing one or more of these certifications for research and possible pursuit will depend on where you work or where you want to work. Sponsor Enterprise architect certification More information BCS BCS Practitioner Certificate in Enterprise and Solutions Architecture BCS homepage Cisco Cisco Certified Architect (CCAr) CCAr homepage Enterprise Architecture of Excellence (EACOE) EACOE Enterprise ArchitectEACOE Senior Enterprise ArchitectEACOE Distinguished Enterprise Architect EACOE Enterprise Enterprise Fellow EACOE Architect homepage EMC EMC Cloud Architect Expert (EMCCAE) GoCertify FEAC Institute Certified Enterprise Architect (CEA) Black Belt Associate Certified Enterprise Architect (ACEA) Green Belt FEAC CEA homepage Hitachi Vantara Hitachi Architect (three tracks: Infrastructure, Data Protection, and Pentaho Solutions) Hitachi Architect Specialist (two tracks: Infrastructure and Converged) Training & Certification homepage IASA Certified IT Architect – Foundation (CITA-F) Certified IT Architect – Associate (CITA-A) Certified IT Architect – Specialist (CITA-S) Certified IT Architect – Professional (CITA-P) CITA homepage National Instruments Certified LabVIEW Architect (CLA) CLA homepage Nokia Nokia Service Routing Architect (SRA) SRA homepage Oracle Certified Master, Java EE Enterprise Architect Certified Master Java EE homepage Red Hat Red Hat Certified Architect (RHCA) RHCA homepage SOA (Arcitura) Certified SOA Architect SOA Architect homepage These architect credentials usually represent pinnacle certifications within the programs to which they belong, functioning as high-quality capstones to these programs in many cases. The group of individuals who gain such credentials is often relatively small but comes with tight sponsor relationships, high levels of sponsor support and information delivery, and stratospheric salaries and professional kudos. Often, such certifications intentionally offer difficult and challenging goals for a small, very select group of IT professionals. Earning one or more of these certifications is generally the culmination of a decade or more of professional growth, high levels of effort, and significant costs. No wonder, then, that architectural certifications are highly regarded by IT professionals and highly valued by their employers. Choosing the right IT architect credentialsEnterprise architect credentials will often be dictated by choices that your employer (or industry sector, in the case of government or DoD-related work environments) have already made independent of your own efforts. Also, most vendor-specific architecture credentials make sense based on what's being implemented in your work environment or in a task you want to occupy. While there are many potential choices IT professionals can make, the actual number they can or should make will be affected by their circumstances. Circumstances.

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