

Next Generation Cloud Leadership

Cloud Strategy



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Objectives



- Provide AVP & VP level management with the skills & knowledge they need to be more Cloud conversant both from a practical and strategic perspective
- Ultimate objective is for some participants to get certified as AWS Cloud Practitioners



CLOUD STRATEGY

Define Cloud strategy & lead client interactions on Cloud-based requirements

- Lead Cloud-based projects: planning, integrating and securing
- Elements of a Cloud strategy
- Cloud market landscape and trends
- Cloud provider selection
- Evaluate case studies - capturing Cloud computing requirements and moving the project forward
- Preparing for the AWS Cloud Practitioner exam



Elements of a Cloud Strategy





Well Architected Framework – Azure



➤ <https://docs.microsoft.com/en-us/azure/architecture/framework/>



Well Architected Framework – AWS

- <https://aws.amazon.com/blogs/apn/the-5-pillars-of-the-aws-well-architected-framework/>



Elements of a Cloud Strategy

- Follow architecture & design best practices (see Well Architected Frameworks, SOLID, 12-Factor, DDD, etc.)
- Right tool (or Cloud service) for the right job
- Look for opportunities to use managed services



Elements of a Cloud Strategy

- Promote and prioritize Cloud in partnership with business
- Honestly evaluate need for multi-Cloud (cost vs. benefit)
- Practice ongoing review & evaluation – today's solution may not be tomorrow's



Elements of a Cloud Strategy

- Assess Cloud maturity and identify ways to progress
- Establish a robust Cloud governance process
- Consider building out a COE (Center of Excellence)



Cloud Provider Selection



Considerations:

- Likely able to solve same problem using any (or many) of the providers
- Selection may come down to
 - Enterprise agreements/costs
 - Provider affinity/expertise



Preparing for AWS Cloud Practitioner





Preparing for AWS Cloud Practitioner

See <https://aws.amazon.com/certification/certified-cloud-practitioner/>

Exam overview

Level: Foundational

Length: 90 minutes to complete the exam

Cost: 100 USD (Practice exam: 20 USD)

Format: 65 questions; either multiple choice or multiple response

Delivery method: Pearson VUE and PSI; testing center or online proctored exam

[Schedule an exam](#)



Preparing for AWS Cloud Practitioner



See [https://d1.awsstatic.com/training-and-certification/docs-cloud-practitioner/AWS-Certified-Cloud-Practitioner Exam-Guide.pdf](https://d1.awsstatic.com/training-and-certification/docs-cloud-practitioner/AWS-Certified-Cloud-Practitioner_Exam-Guide.pdf)

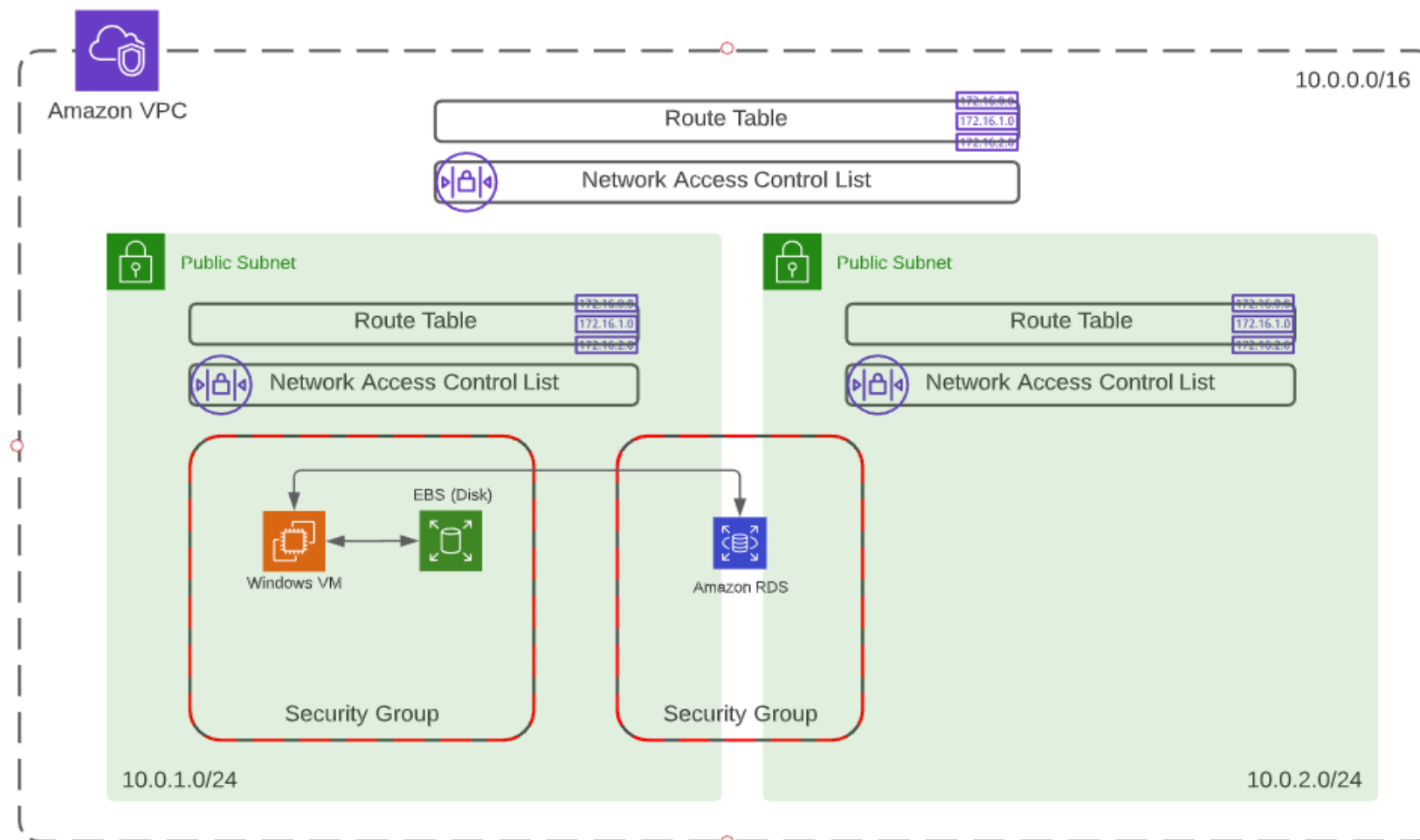


Preparing for AWS Cloud Practitioner

- Small set of sample questions provided for free
- See https://d1.awsstatic.com/training-and-certification/docs-cloud-practitioner/AWS-Certified-Cloud-Practitioner_Sample-Questions.pdf
- For a fee, able to take a practice test provided by AWS
- Sites like [measureup.com](https://www.measureup.com) can provide helpful study guides



Demo



See <https://ipaddressguide.com/cidr> for Classless Inter-Domain Routing (CIDR) calculator



Evaluate Case Studies – Open Discussion



THANK YOU



