**Content**

[1. Nadpis 1 3](#_Toc3283217)

1. Reddit tips for the exam
   1. EC2Rescue tool with System status checks

EC2Rescue for EC2 Windows is a troubleshooting tool that you can run on your Amazon EC2 Windows Server instances. Use the tool to troubleshoot OS-level issues and to collect advanced logs and configuration files for further analysis. The following are some common issues that EC2Rescue can address:

* Instance connectivity issues due to firewall, Remote Desktop Protocol (RDP), or network interface configuration.
* OS boot issues due to a blue screen or stop error, a boot loop, or a corrupted registry.
* Any issues that might need advanced log analysis and troubleshooting.
  1. SSM deep dive [todo]
  2. Hybrid networking with backup

Using backup connection line for DirectConnect. Answers will be between VPN or second directConnect, you need to see if question says cheap (VPN) or company requires sensitive latency and highly available.

* 1. When to use what storage transfer method

There was a 500mbps DX bought from partner network and has separate 1gbps internet line always available. Some ~20 TB files needed to transfer and which will be best way? Options had Storage Gateway on DX, S3 upload, S3 transfer acceleration, Snowball... (Tip: In your mind calculate how much each bandwidth can transfer in a day before picking snowball as for some questions transferring large data with Snowball is always not good option).

* 1. Lambda connectivity issue in a VPC

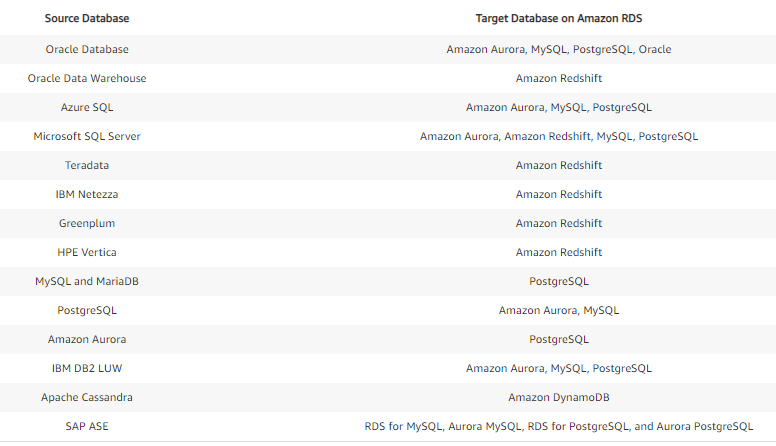
check subnet of lambda has route to NAT gateway

* 1. IAM advanced

Using tags to manage resource like ec2 for multiple business units.( in the same account different unit cant control EC2 of other unit)

* 1. Schema Conversion Tool (SCT)

The AWS Schema Conversion Tool makes heterogeneous database migrations predictable by automatically converting the source database schema and a majority of the database code objects, including views, stored procedures, and functions, to a format compatible with the target database.



* 1. VPC Peering that uses Longest Prefix Match

<https://aws.amazon.com/blogs/networking-and-content-delivery/influencing-traffic-over-hybrid-networks-using-longest-prefix-match/>

* 1. Private Hosted Zone