

# RA03: Backup and Recovery

## Architectural Points

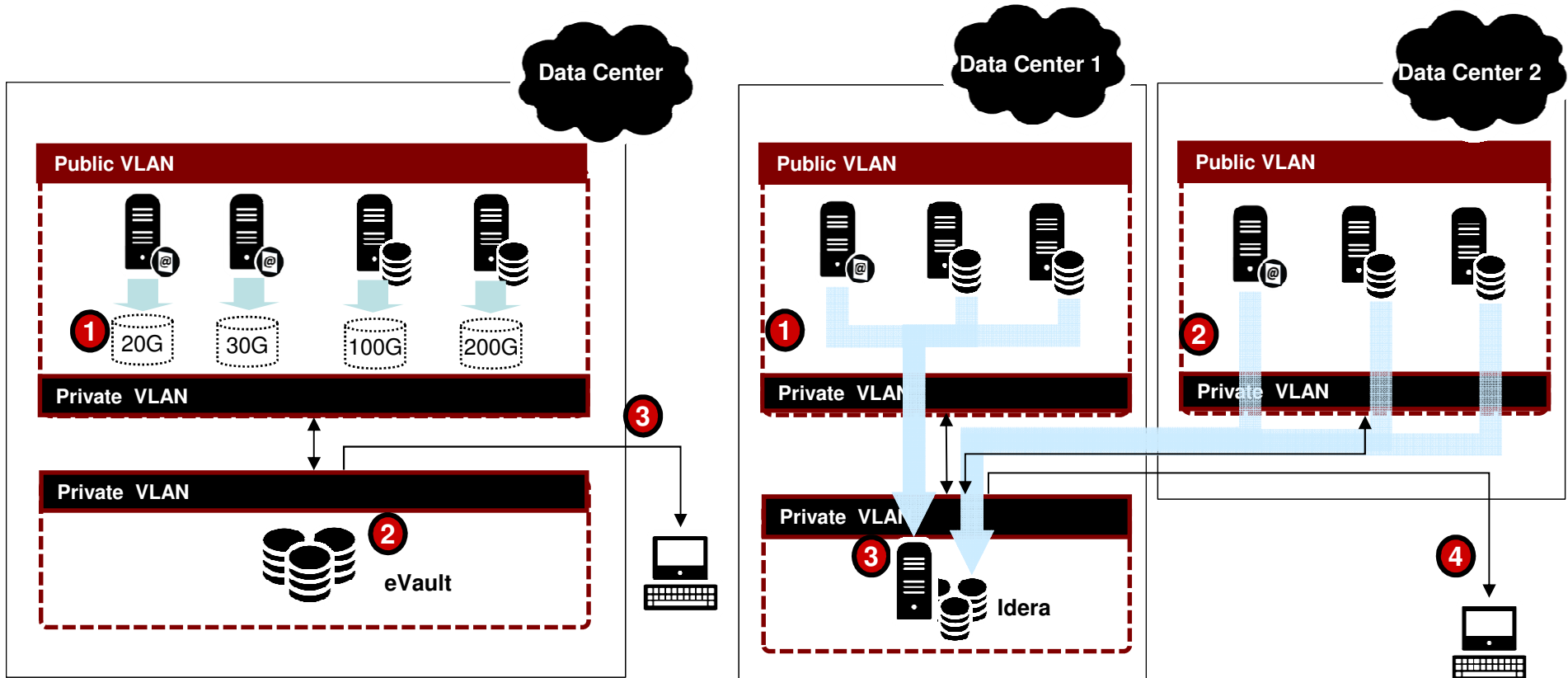
- Centralized Backup
- File based backup and Volume based backup

## Required Resources

- 01 – eVault
- 02 – Idera

## Optional Resources

- 01 – Image Template
- 02 – Global IP



### eVault

1. **Backup Space** is allocated per server. (VM/Baremetal)
2. **eVault** system is provided by SoftLayer. It provides file based backup, full/incremental backup, iSCSI filesystem backup, and FIPS-140 encryption option.
3. **eVault Web Console** is accessed via private network. User can manage multiple servers on the Web Console.
4. Image Template – Recommended
5. Optional: Global IP for recovery in other datacenter

### idera

1. **Backup Space** is shared by registered servers.
2. **Servers in different Datacenter** can be registered without additional cost.
3. **Idera server** is provisioned by user. User can define Idera server specification including CPU, Memory, Disk, Network. Idera provides block level deltalized backup, restoring image on selected recover point, file level restore feature, and mysql protection feature.
4. **Idera Web Console** is accessed via public network and private network User can manage multiple servers on the Web Console.