

Azure Backup

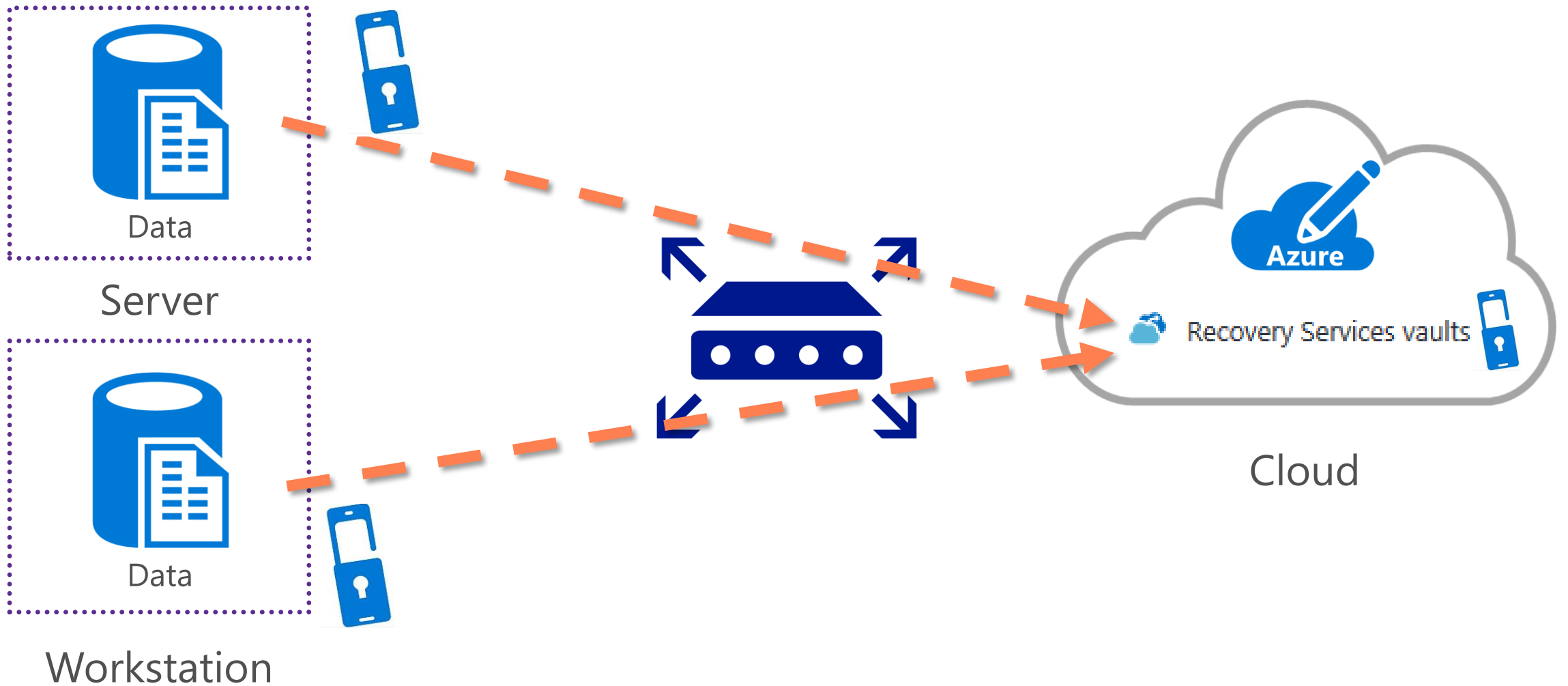
@directorcia

<http://about.me/ciaops>

Types

- Files and folders
 - Dedicated source (workstation or server)
- Services
 - Console management
 - Backup services like Exchange, SQL, SharePoint, etc
- Site Recovery
 - Hyper V replication

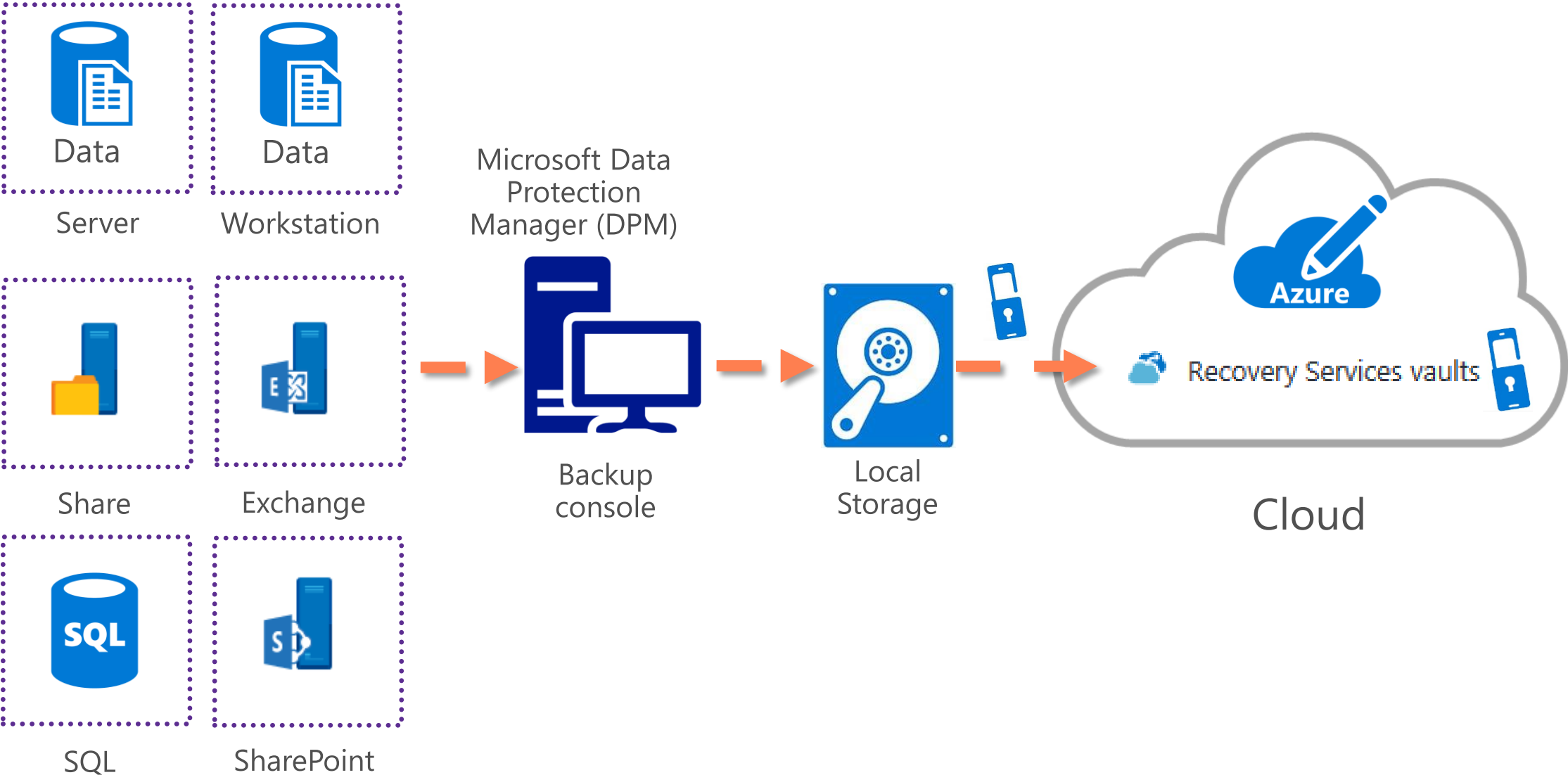
Files and Folders Backup



Files and Folders Backup - Steps

- Create Recovery Service Vault
- Install backup software on client
- Configure backup software to vault
- Schedule backup

Application Backup



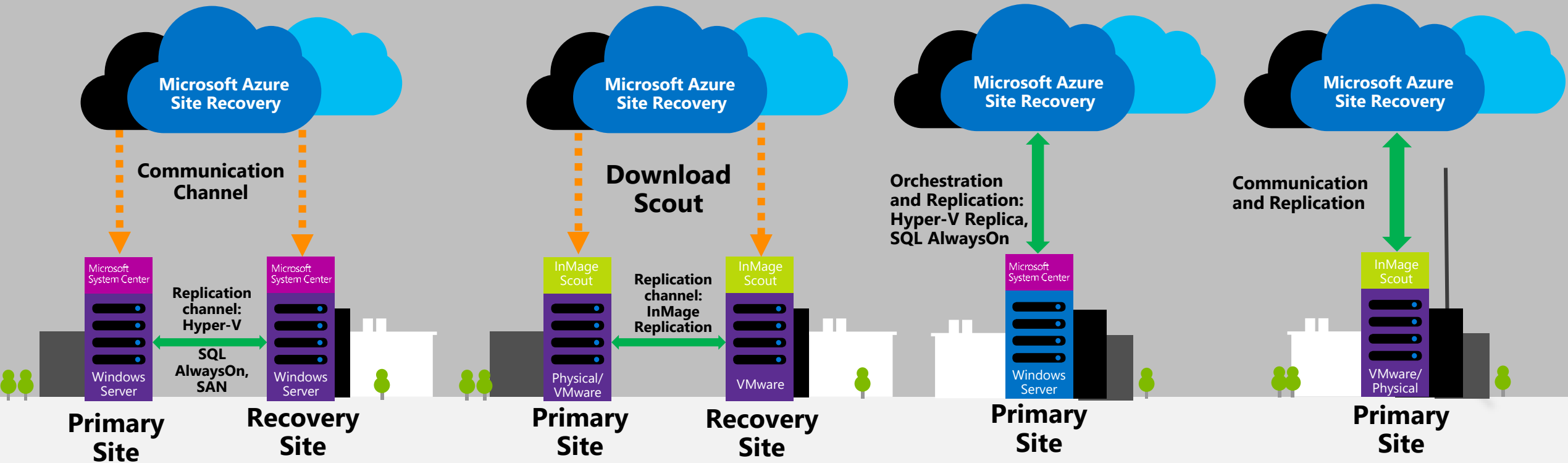
Application Backup - Steps

- Create Recovery Services Vault
- Install backup software on backup console
- Configure backup software to vault
- Target network resources
- Schedule backup

Site Recovery

On-premises to On-premises protection

Protect to Azure



Site Recovery - Steps

- Create Recovery Services Vault
- Deploy a configuration server
- Register configuration server with Vault
- Deploy master target server
- Deploy the on-premises process server
- Create a protection group
- Set up machines you want to protect
- Enable protection

Azure Backup Pricing

DATA STORED PER PROTECTED INSTANCE PER MONTH

PRICE

Instances up to 50GB of data

\$5 per protected instance + Storage consumed

Instances between 50GB to 500GB of data

\$10 per protected instance + Storage consumed

Instances greater than 500GB of data

Increments of \$10 for each 500GB + Storage consumed

Azure Storage Pricing

STORAGE CAPACITY	LRS	ZRS	GRS
First 1 TB / Month	\$0.0336 per GB	\$0.042 per GB	\$0.0673 per GB
Next 49 TB (1 to 50 TB) / Month	\$0.0331 per GB	\$0.0414 per GB	\$0.0662 per GB
Next 450 TB (50 to 500 TB) / Month	\$0.0325 per GB	\$0.0406 per GB	\$0.065 per GB
Next 500 TB (500 to 1,000 TB) / Month	\$0.032 per GB	\$0.04 per GB	\$0.0639 per GB
Next 4,000 TB (1,000 to 5,000 TB) / Month	\$0.0313 per GB	\$0.0392 per GB	\$0.0628 per GB

Access Prices

Azure charges \$0.0046 per 100,000 transactions for Block Blobs. Transactions include both read and write operations to storage.

Resources

- Azure File Backup - <http://blog.ciaops.com/2014/12/azure-desktop-backup.html>
- Azure Application Backup - <http://blog.ciaops.com/2016/01/azure-backup-server-for-applications.html>
- Azure VM Backups - <http://blog.ciaops.com/2015/06/azure-vm-backups.html>
- Azure Site Recovery - <http://blogs.technet.com/b/canitpro/archive/2015/08/18/step-by-step-protect-physical-servers-with-azure-site-recovery-part-3.aspx>
- Azure Site Recovery - <https://azure.microsoft.com/en-us/documentation/articles/site-recovery-overview/>
- User Import/Export service to transfer data to Blob storage - <https://azure.microsoft.com/en-us/documentation/articles/storage-import-export-service/>

CIAOPS Resources



- Blog – <http://blog.ciaops.com>
- Free SharePoint Training via email – <http://bit.ly/gs-spo>
- Free Office 365, Azure Administration newsletter – <http://bit.ly/o365-tech>
- Free Office 365, Azure video tutorials – <http://www.youtube.com/directorciaops>
- Free documents, presentations, eBooks – <http://docs.com/ciaops>
- Office 365, Azure, Cloud podcast – <http://ciaops.podbean.com>
- Office 365, Azure online training courses – <http://www.ciaopsacademy.com>
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