MICROSOFT IIS 8.5

Internet Information Services

Day 4

COURSE OUTLINE

Day 4

Module 7: FTP and administration

- ~~Administer virtual directories~~

- ~~Basic administrative tasks (PowerShell)~~

- Install FTP

- Configure FTP

- IIS Manager for Remote Administration

- Lab 7

Module 8: Backup and load balancing

- Backup and restore IIS settings

- HA vs DR

- Lab 8

- Tip & Kahoot

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Module7-

FTP & ADMINISTRATION

WHAT IS FTP?

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FILE TRANSFER PROTOCOL (FTP)

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FTP

- Open Server Manager → Add roles → Web server → FTP (both components)

- Create FTP site

- Choose Basic Authentication

- Download FileZilla

LAB
CREATE AN FTP WEBSITE

- Use the username and password you've assigned

If you choose to use SSL, then it will be an SFTP server/service

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BACKUP AND LOAD BALANCING

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BACKUP AND RESTORE

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BACKUP IIS

- Backup Certificate!

- Backup websites file & folders

- Backup IIS configuration

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Certificate Backup

1. Open MMC → Add Certificates Snap-in

2. Choose Local Computer certificate store

3. Go to → Personal → Certificates

4. Select all certificates

5. Right click and choose: All Tasks → Export

6. Choose to **Export the private key** (important!!)

7. Keep the default settings and assign a password

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Files and Folders Backup

- IIS folders are usually located at:

%SystemDrive%\inetpub\wwwroot

Include the folder in your backup plan!

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IIS Configuration Backup

1. Open command-line (CMD) <u>as Administrator</u>

2. Type "cd C:\Windows\system32\inetsrv"

3. Use appcmd to create the backup:
   Appcmd add backup **srviis_bkp_{date}**

4. Go to "C:\Windows\system32\inetsrv\BACKUP"
   Review the files you see there

5. To list backups we can use:
   appcmd list backup

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IIS Configuration Restore to a different server

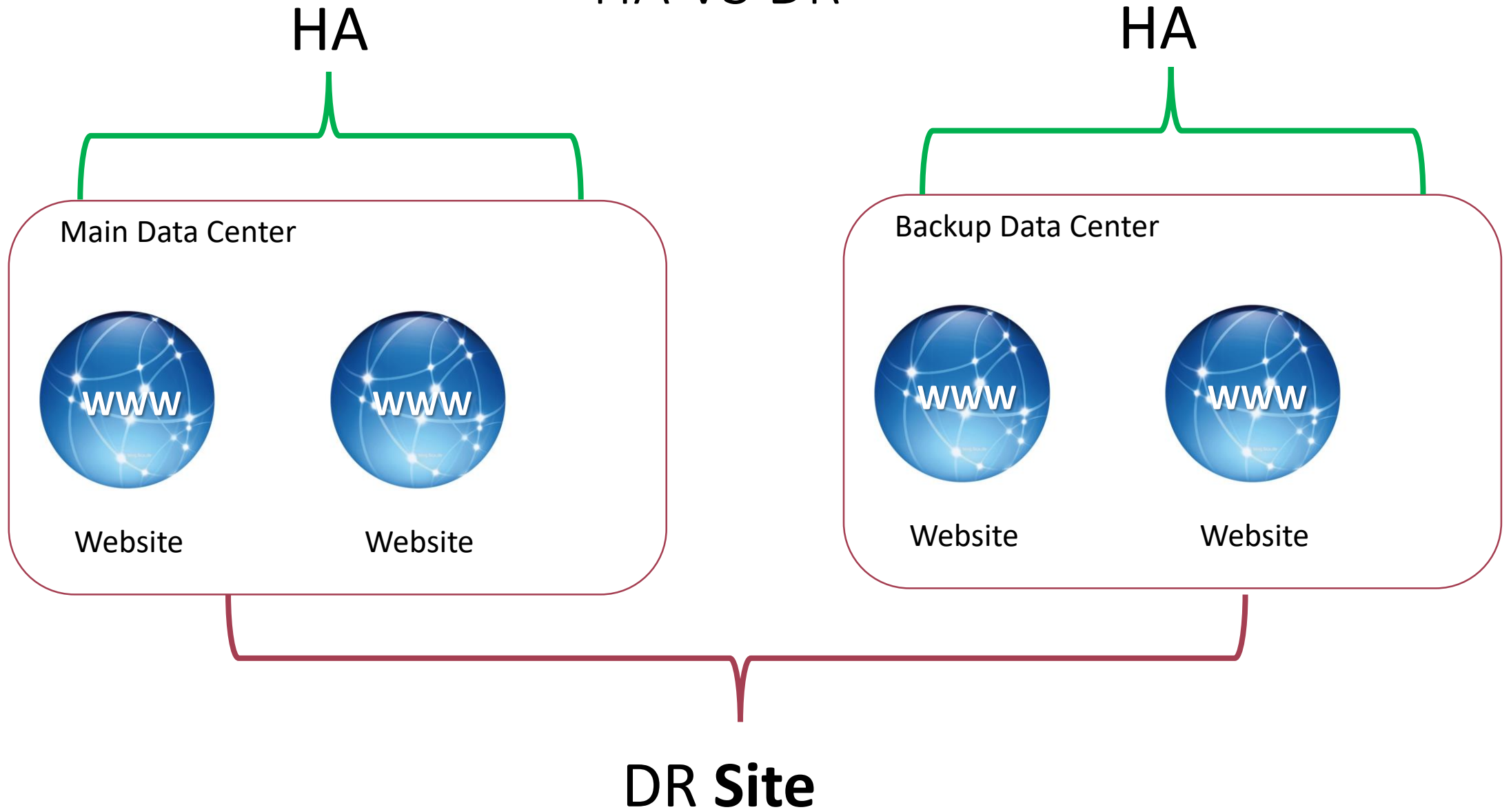The list of restrictions and important issues:

1. The same IIS version has to be used on both servers

2. If any application pool is run not from the integrated accounts, they have to be available on another server as well

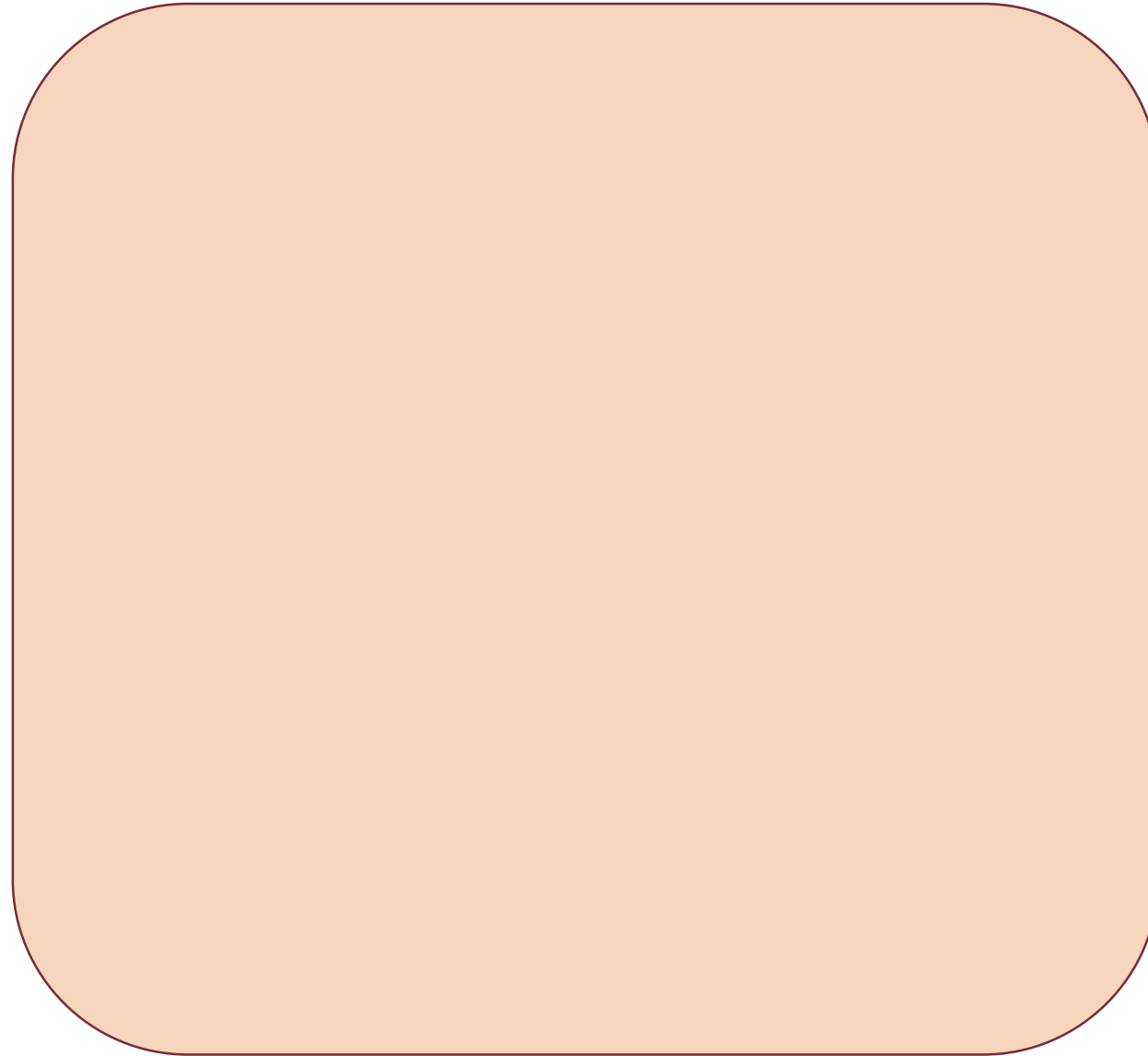3. Before recovery, you should export and migrate all current certificates to the new server

XML

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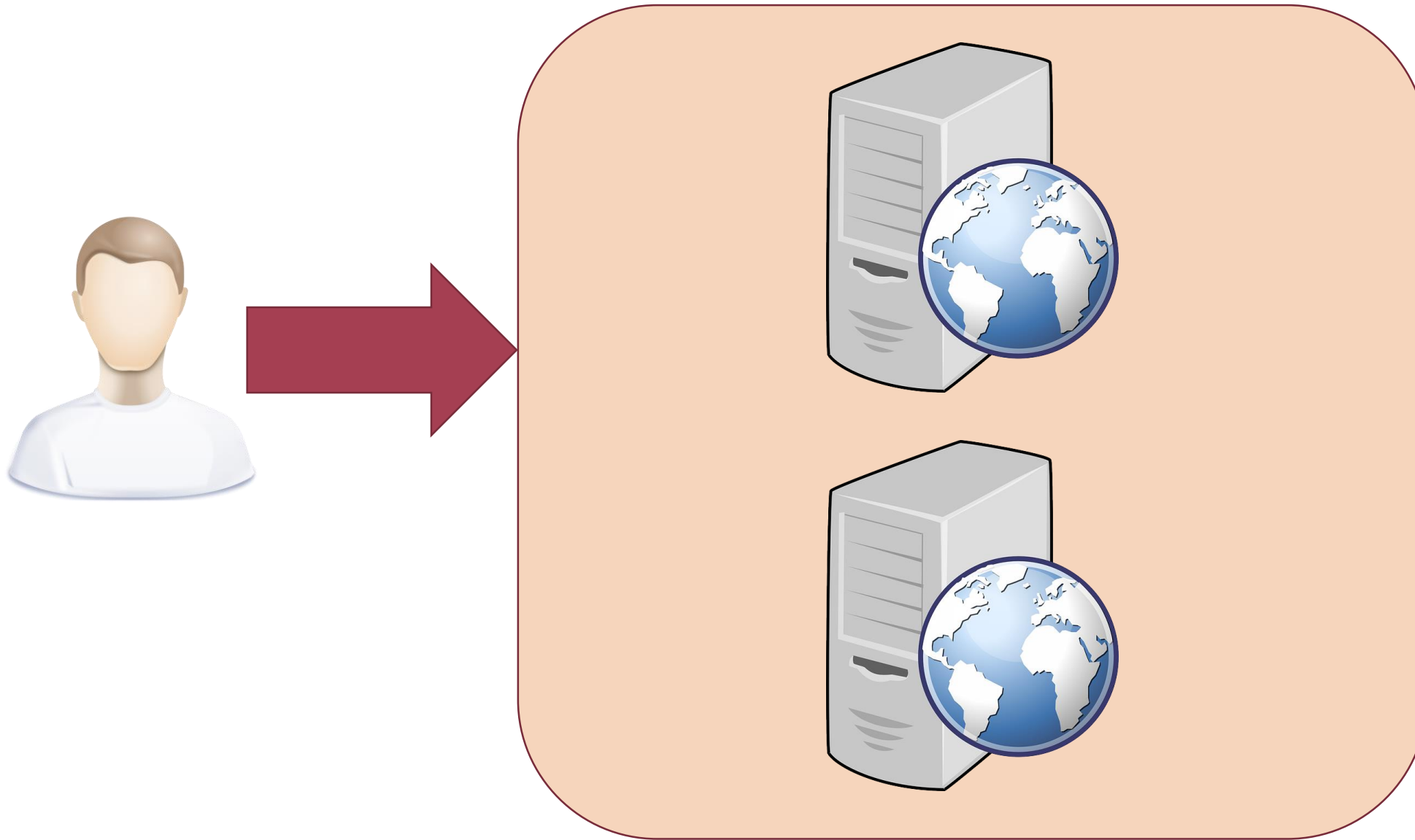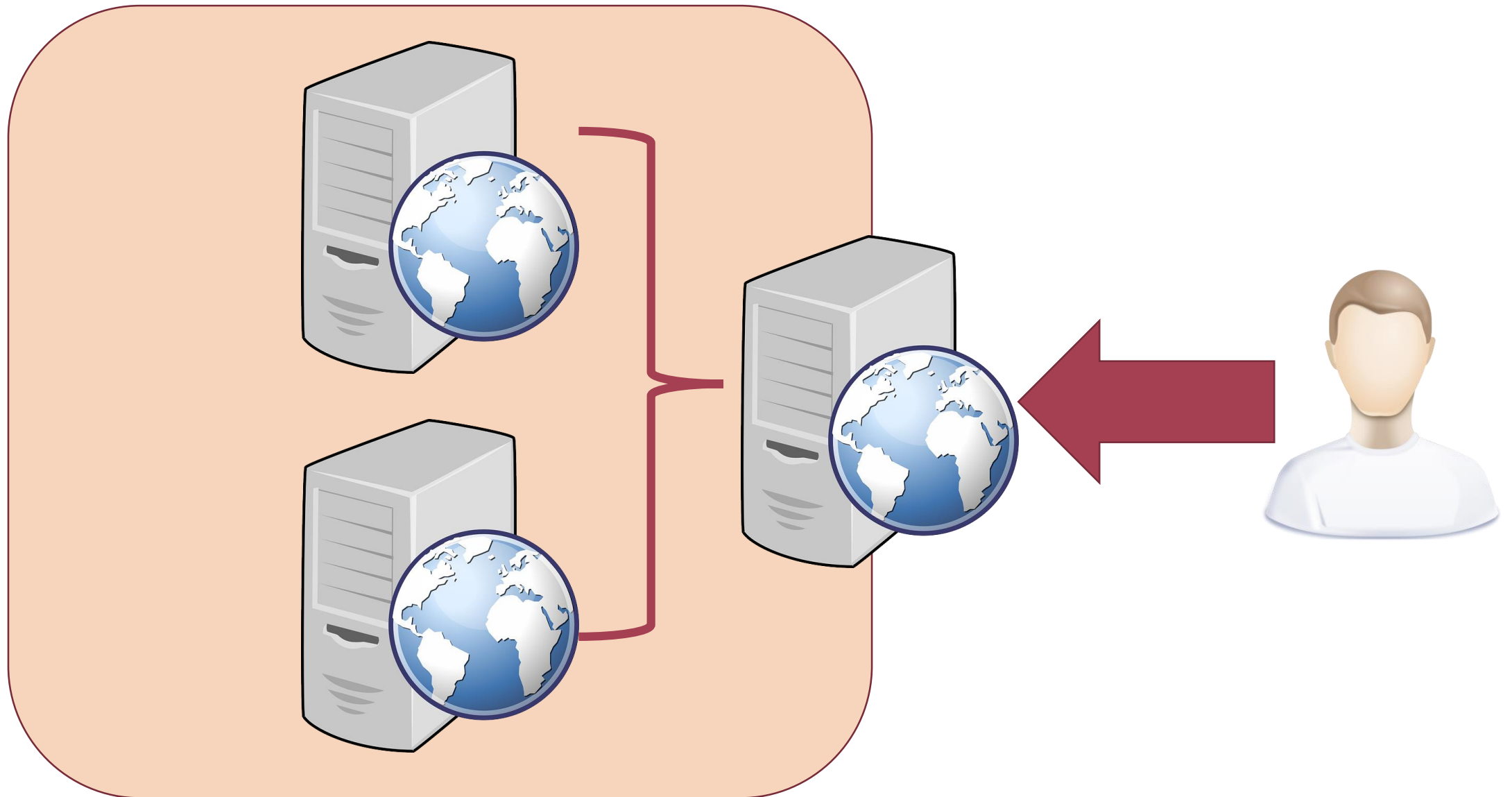
BACKUP AND RESTORE

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HA VS DR

HA

HA

Main Data Center

www
Website

www
Website

Backup Data Center

www
Website

www
Website

DR **Site**

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WEB FARMS (NLB)

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WEB FARMS (NLB)

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TIPS AND ARTICLES

ETW (Event Tracing for Windows) - Event Log Tracing:
https://docs.microsoft.com/en-us/windows/win32/etw/about-event-tracing

Advanced Logging Module:
https://docs.microsoft.com/en-us/iis/extensions/advanced-logging-module/advanced-logging-for-iis-custom-logging

Backup and Restore IIS:
http://woshub.com/how-to-backup-and-restore-iis-configuration-to-another-server/

How to backup certificates:
Open MMC --> Choose Certificate —> Local computer —> Select all certificates —> Export —> File name + Password.
To import double click on the file or from MMC —> Certificates —> right click import.

IIS resources and LABS:
https://benperk.github.io/msdn/

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THANK YOU

W W W . Z A N K E L . C O . I L

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