Enterprise Active Directory (EAD) Upgrade Project – Validating Your Integration

Domain Controllers

- **For Vancouver**

Current Domain Controllers

NBName	DNSName	IPAddress
DC1	dc1.ead.ubc.ca	137.82.70.247
DC6	dc6.ead.ubc.ca	137.82.70.248
DC7	dc7.ead.ubc.ca	142.103.216.33
DC8	dc8.ead.ubc.ca	142.103.216.34

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New Domain Controllers

Applications can be connected to any of the following new DCs.

NBName	DNSName	IPAddress
EAD-SDCP7	ead-sdcp7.ead.ubc.ca	10.7.8.207
EAD-SDCP8	ead-sdcp8.ead.ubc.ca	10.7.8.208
EAD-SDCP9	ead-sdcp9.ead.ubc.ca	10.7.8.209
EAD-SDCP10	ead-sdcp10.ead.ubc.ca	10.7.8.210
EAD-SDCP11	ead-sdcp11.ead.ubc.ca	10.7.8.211
EAD-SDCP12	ead-sdcp12.ead.ubc.ca	10.7.8.212

- **For Okanagan**

Current Domain Controllers

NBName	DNSName	IPAddress
EAD-SDCP1	ead-sdcp1.ead.ubc.ca	10.80.234.2
EAD-SDCP2	ead-sdcp2.ead.ubc.ca	10.80.234.3

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New Domain Controllers

Applications can be connected to any of the following new DCs.

NBName	DNSName	IPAddress
EAD-SDCP13	ead-sdcp13.ead.ubc.ca	10.80.234.13
EAD-SDCP14	ead-sdcp14.ead.ubc.ca	10.80.234.14

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If you have applications using EAD, please complete the following:

Validation before new Domain Controller Server Deployment

Completion Date: Prior to November 14

- Adjust department firewall exceptions for the new DCs. Configure to allow full IP access ingress and egress from your clients and servers to the EAD DCs.
- Confirm with the application vendor or documentation that Windows 2012r2 Active Directory is supported.
- Confirm with the application vendor or documentation the steps to modifying LDAP configuration.
- Validate workstation and server DNS configurations are using the CampusDNS servers and not EAD DNS servers.
- Prepare task checklist for production changes on November 14 (new servers) and November 17-27 (decommission servers).
- To fully validate your application in the EAD Testing environment (EADTST Domain), please send a request to our configuration assistance via IAM web form at http://web.it.ubc.ca/forms/iam

Post new Domain Controller Server Deployment

Completion Date: November 16

Execute your checklist created pre-deployment stage which should include the following if applicable. These tasks would need to be completed prior to decommissioning the legacy Domain Controller servers.

- Modify the binding Domain Controller server name.
  - If your application LDAP configuration requires a Server Name, URL, or Searchbase defined specifically to one Domain Controller, change the value to the Domain EAD.UBC.CA or a new Domain Controller name.
- Request and install a new Domain Controller server certificate.
  - If your application creates a secure bind to a specific DC and using the EAD CA certificate is not sufficient, please contact us via IAM web form (http://web.it.ubc.ca/forms/iam) and it will be emailed to you.
- Modify the application server's DNS configuration.
  - If the application server cannot use CampusDNS and requires Active Directory DNS, change the values to an IP address of a new EAD Domain Controller to provide this service.
- Confirm that your application is working successfully.
  - Perform successful application login attempts and validate the server's application log files are free of errors.

Post Decommission of each Legacy Domain Controller Servers

Completion Date: November 17-27

- Confirm that your application is working successfully
  - Perform successful application login attempts and validate the server's application log files are free of errors.

Support

For more information, please visit https://eadupgrade.share.ubc.ca

If you have any questions or concerns, please create a ticket at http://web.it.ubc.ca/forms/iam

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