Team Challenge

During the team challenge, attendees working as a team will attempt to deliver a Proof of Concept (PoC) for a real-world scenario and will be challenged in two significant ways. From a technical perspective, you will need to both design, scope and implement the PoC. From a soft-skills perspective, attendees will need to pitch the vision for their PoC, explain and defend their design and present their final solution. The teams of attendees will have their presentation and deliverables evaluated by the instructor.

# Scenario for the Proof of Concept (PoC)

Best for Your Organics Company (B4U) manufactures and sells non-toxic cosmetics that also minimize their impact on the environment. They have grown their business into a billion-dollar business by leveraging the network sales model. In network sales, B4U involves non-employee consultants (also called contractors) to sell their products in a person to person way. Best for Your Organics Company is looking to expand their consultant model to contain Basic Consultants and Platinum Consultants. Basic Consultants have a low cost to enter the business and low monthly expenses. Any Consultant can select to become a Premium Consultant under the new model by paying higher monthly fees. In return they will receive discounts, early access to new products and an enhanced set of software tools to support their business.

Each consultant runs their own small-scale version of the business, including purchasing product inventory, performing product demonstrations, marketing on social media, handling sales both “on the spot” during in-person events and by driving clients to their personalized B4U website, recruiting and nurturing and building a team of consultants beneath them to help scale their personal organization’s sales force. Consultants start off as individuals but may end up growing their organizations to 100s or 1,000s of consultants beneath them. Some organizations are narrow and deep, with only a few legs directly reporting to the original consultant but having many consultants in the chain below the. Other organizations are wide and shallow, having 10’s to 100’s of direct reports, each only a few levels deep.

In order to take their business to the next level they need to start moving their operations to the cloud. The first thing they are looking to do as part of this project is roll out Microsoft 365. They have a Microsoft 365 tenant created, but don’t have any users created yet. To further add do this project, they have recently acquired another company that is still running in a 100% on-premises environment. The initial task as a part of the larger project is to take their existing Active Directory environment, as well as the Active Directory environment of the company they acquired and configure them in a way to bring all the users from the two companies into a single Microsoft 365 tenant before they can start to deploy the Microsoft 365 services to the company.

# Current state of Active Directory

### B4U – Original Company

* Two Forests from an earlier acquisition
* One Active Directory Forest is: bestforyou.local
  + Email domain is: bestforyou.com
  + 15,000 users
  + 25,000 devices
* The second Active Directory Forest is: organiccosmetics.com
  + Email domain is: organiccosmetics.com
  + 5,000 users
  + 7,000 devices
* Some users exist in both forests

### C4U (Cosmetics for You) – Acquired Company

* Singe forest: costmeticsforyou.com
* The primary email domain is: costmetcisforyou.com
* 250 users
* 320 devices

# Your Challenge

B4U clearly has a lot of big ideas to improve their offering to consultants and visibility back to the business. They are looking to you help plan the process of brining all three forests into a single Azure AD tenant to be used for Microsoft 365 Services.

The final solution must meet the following requirements:

* Single Sign On (SSO) for all users
* Users can reset their own passwords from anywhere
* Plan for disaster recovery with the connection between Active Directory and Azure AD
* Minimize the number of new servers required for B4U to deploy

Your task is to develop the set of requirements and prerequisites B4U must meet as well as a plan for tasks to configure the connection between Active Directory and Azure AD that meets the requirements above to support the deployment of Office 365 organization wide. Assume you have access to all Office 365 features.

Good luck!

# Resources to help you get started

The following resources have been made available to help you quickly get started with your PoC:

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| --- | --- | --- |
| Item | Description | Location |
| Article Link | Azure AD Connect Topologies | <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/plan-connect-topologies> |
| Article Link | Azure AD Design Concepts | <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/plan-connect-design-concepts> |
| Article Link | Azure AD Connect cloud provisioning | <https://docs.microsoft.com/en-us/azure/active-directory/cloud-provisioning/what-is-cloud-provisioning> |
| Article Link | Prepare for directory synchronization | <https://docs.microsoft.com/en-us/microsoft-365/enterprise/prepare-for-directory-synchronization?view=o365-worldwide> |
| Article Link | Azure AD User Consolidation | <https://social.technet.microsoft.com/wiki/contents/articles/51740.azure-ad-connect-user-consolidation.aspx> |
| Article Link | Prepare a non-routable domain for directory synchronization | <https://docs.microsoft.com/en-us/microsoft-365/enterprise/prepare-a-non-routable-domain-for-directory-synchronization?view=o365-worldwide> |