Beyond the Basics of Azure Image Builder



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Overview



Rebuilding Existing Images

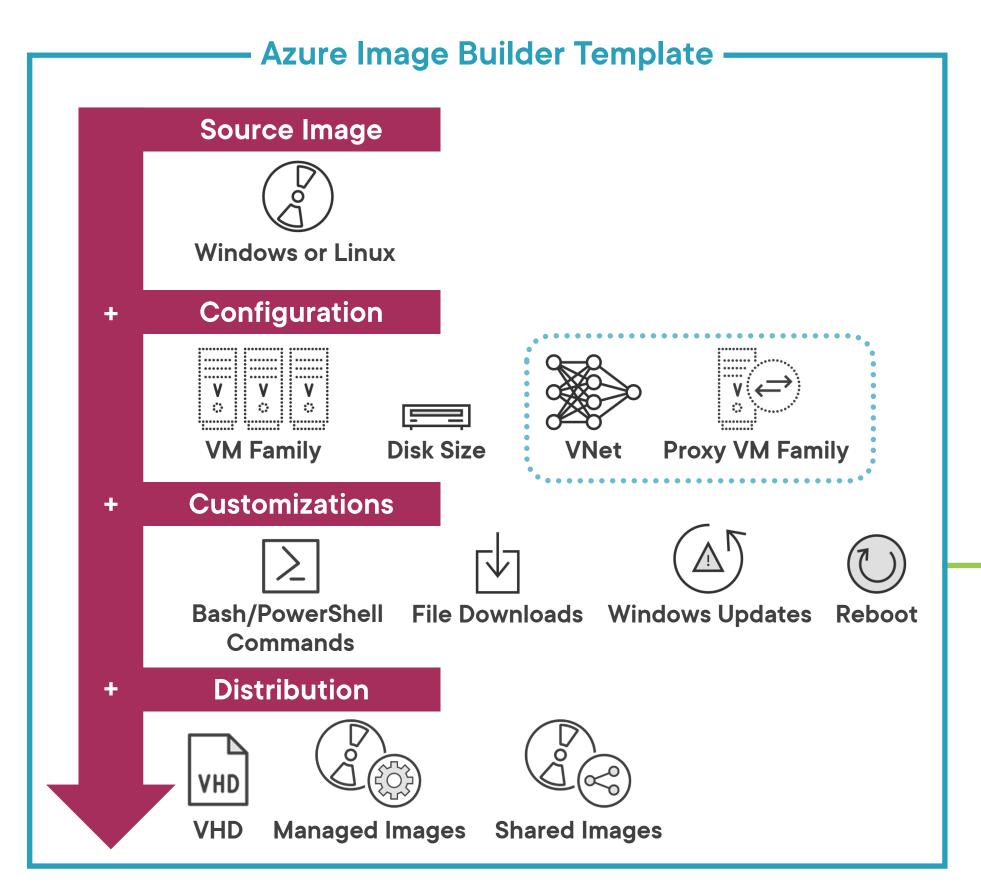
Cascading Images

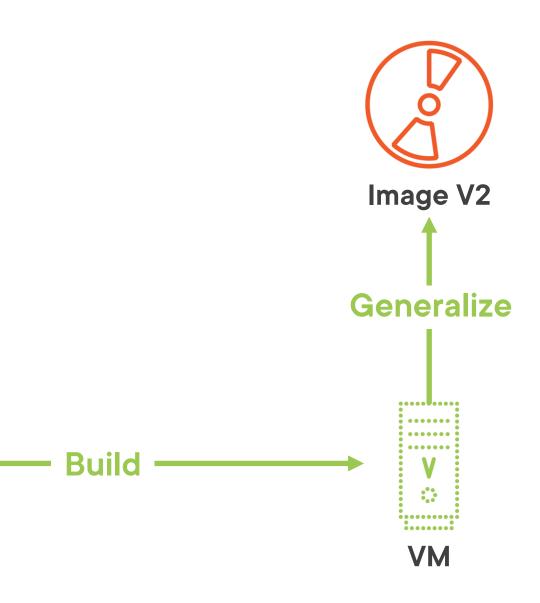
Ways To Distribute VM Images

Advanced Deployment Options

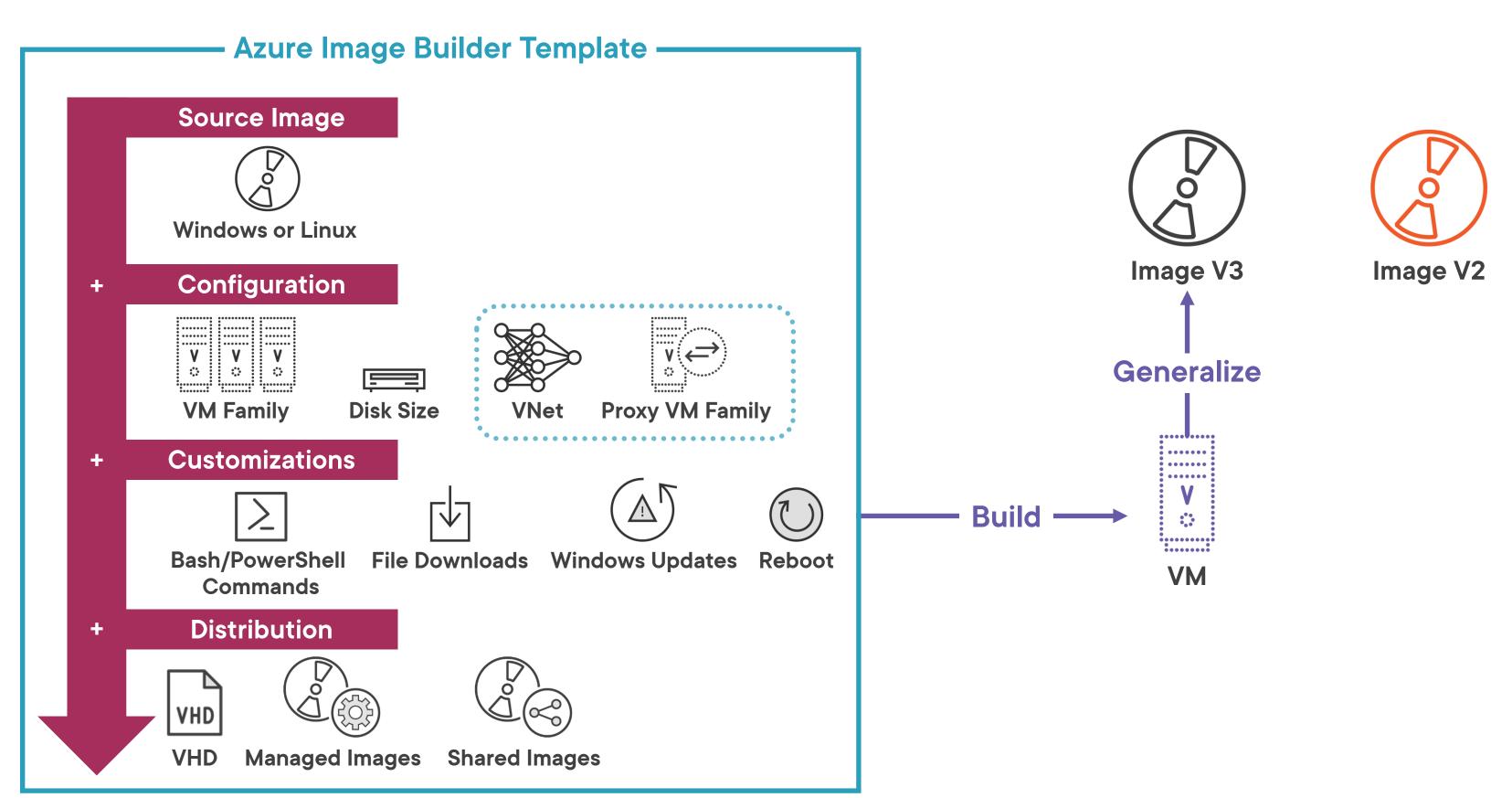


Rebuilding Existing Images



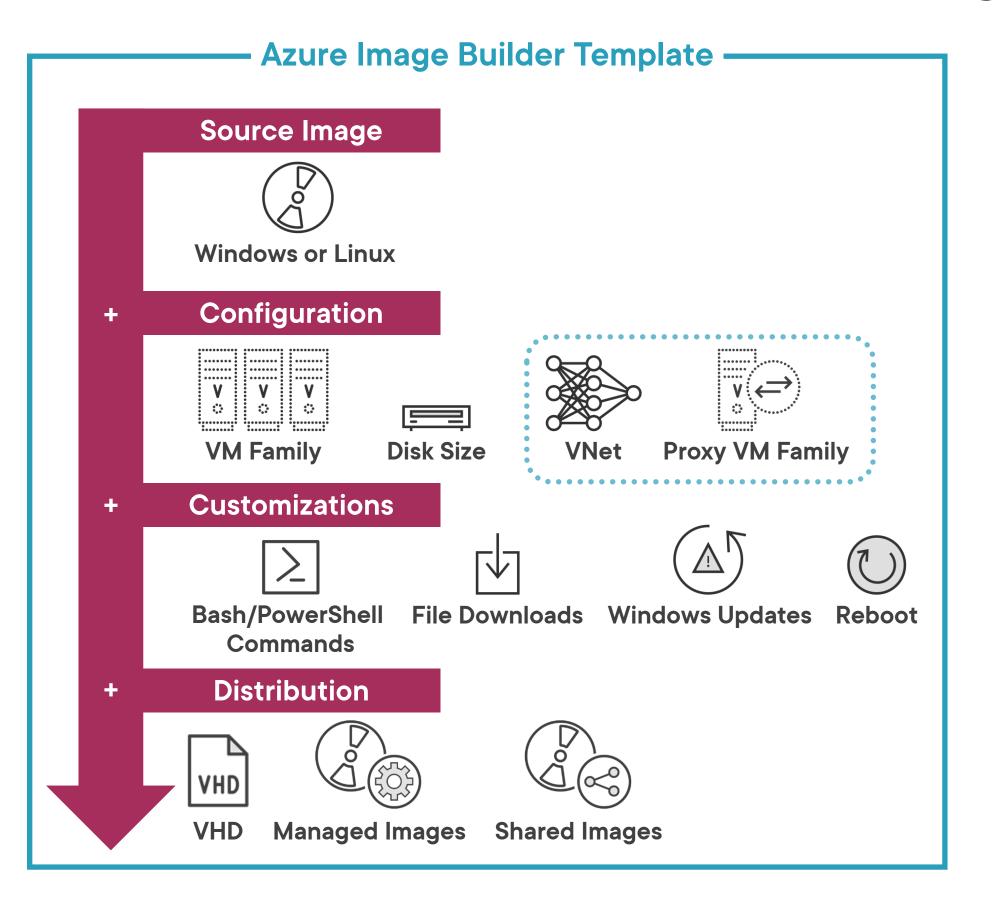


Rebuilding Existing Images

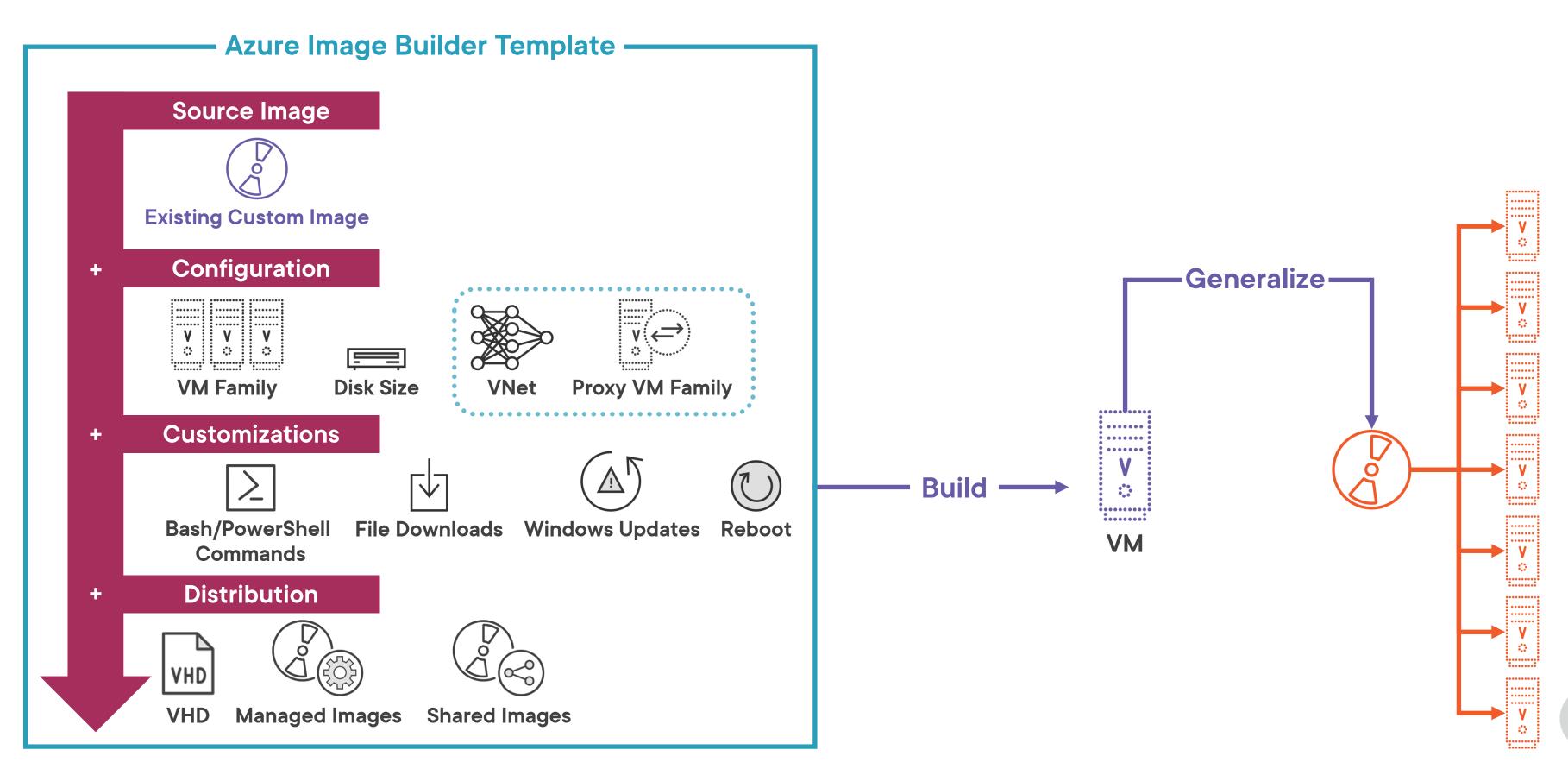


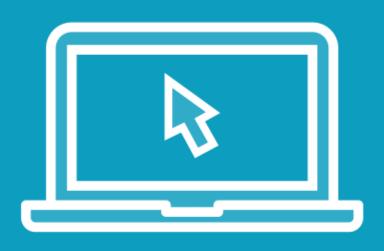


Cascading Images



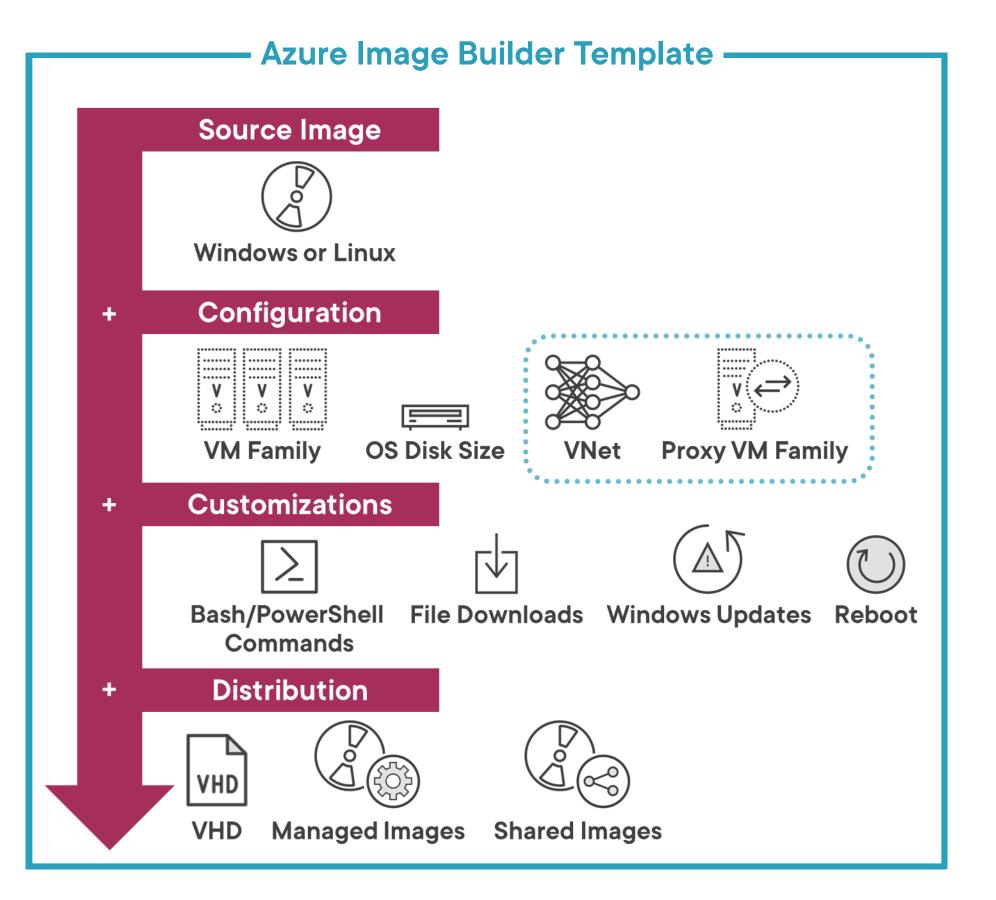
Cascading Images





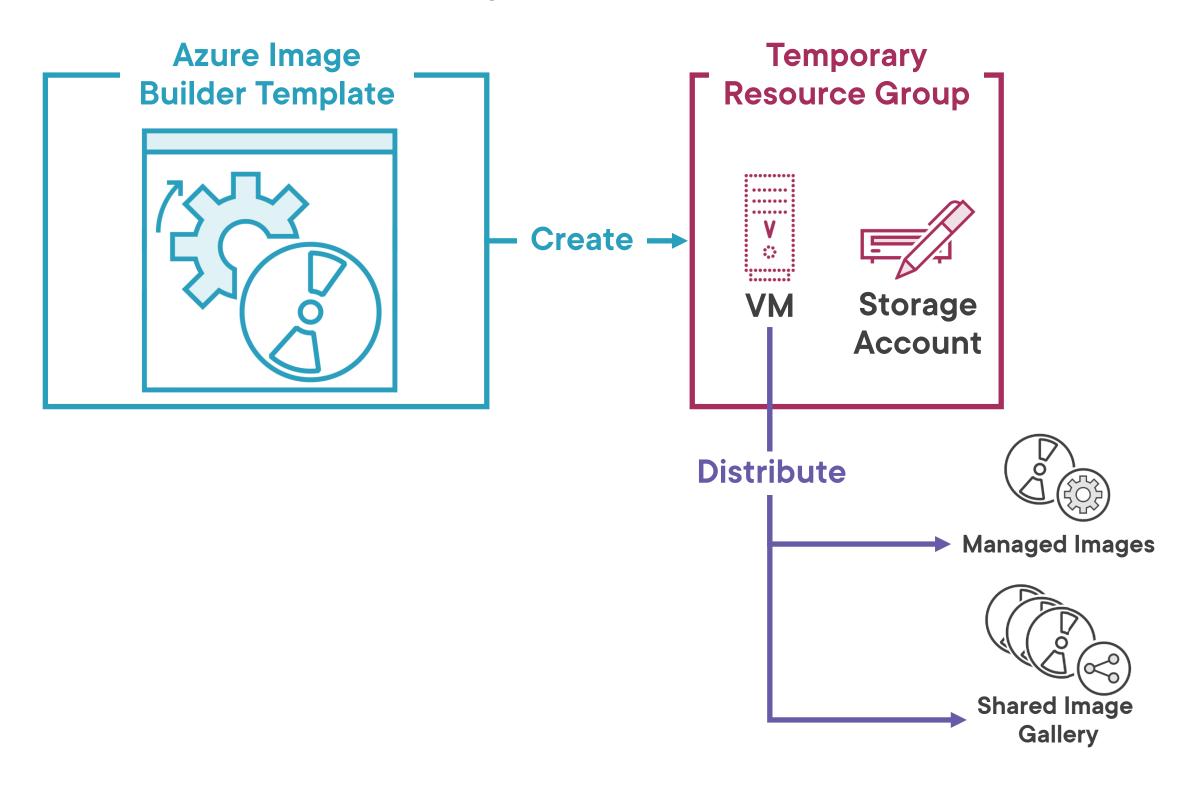
Rebuilding Existing Images
Cascading Images

Ways to Distribute VM Images

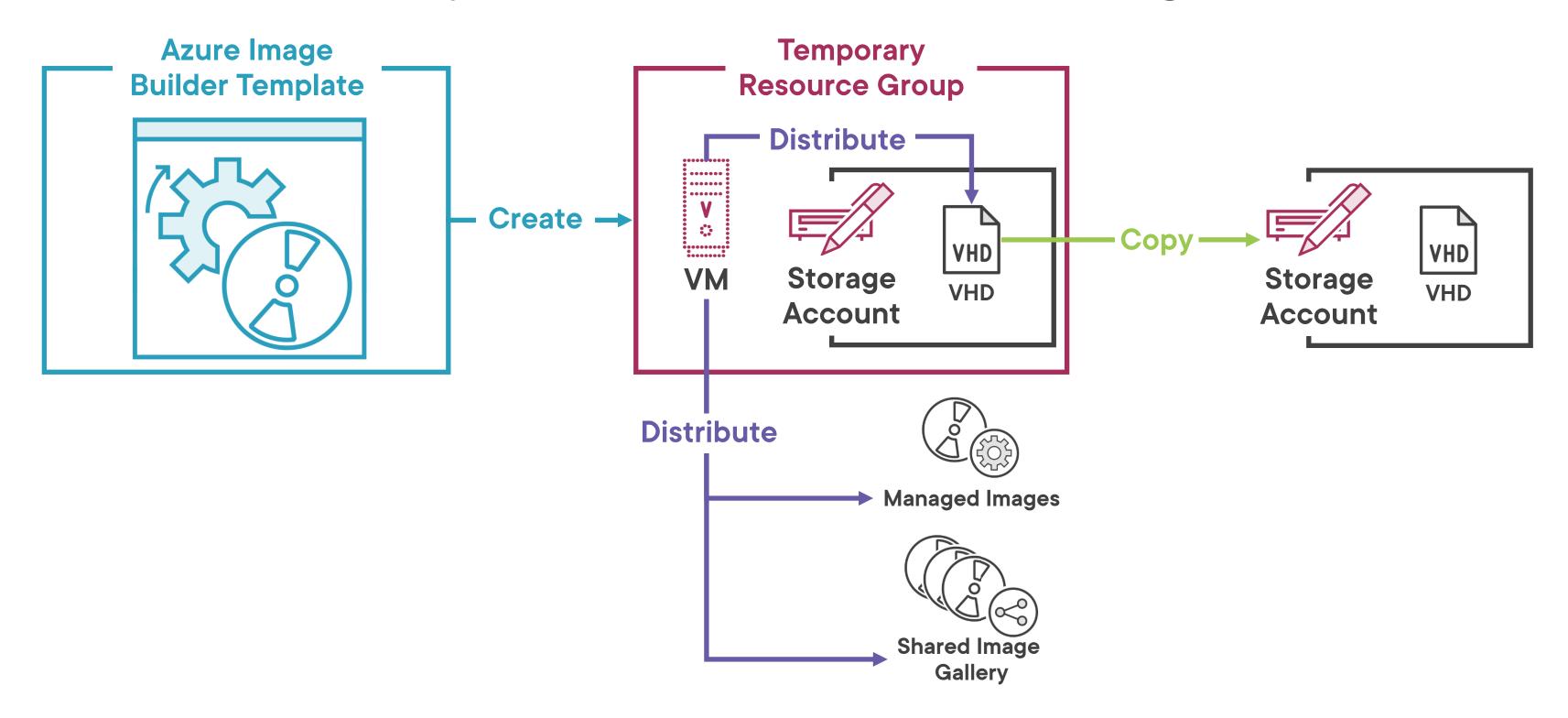




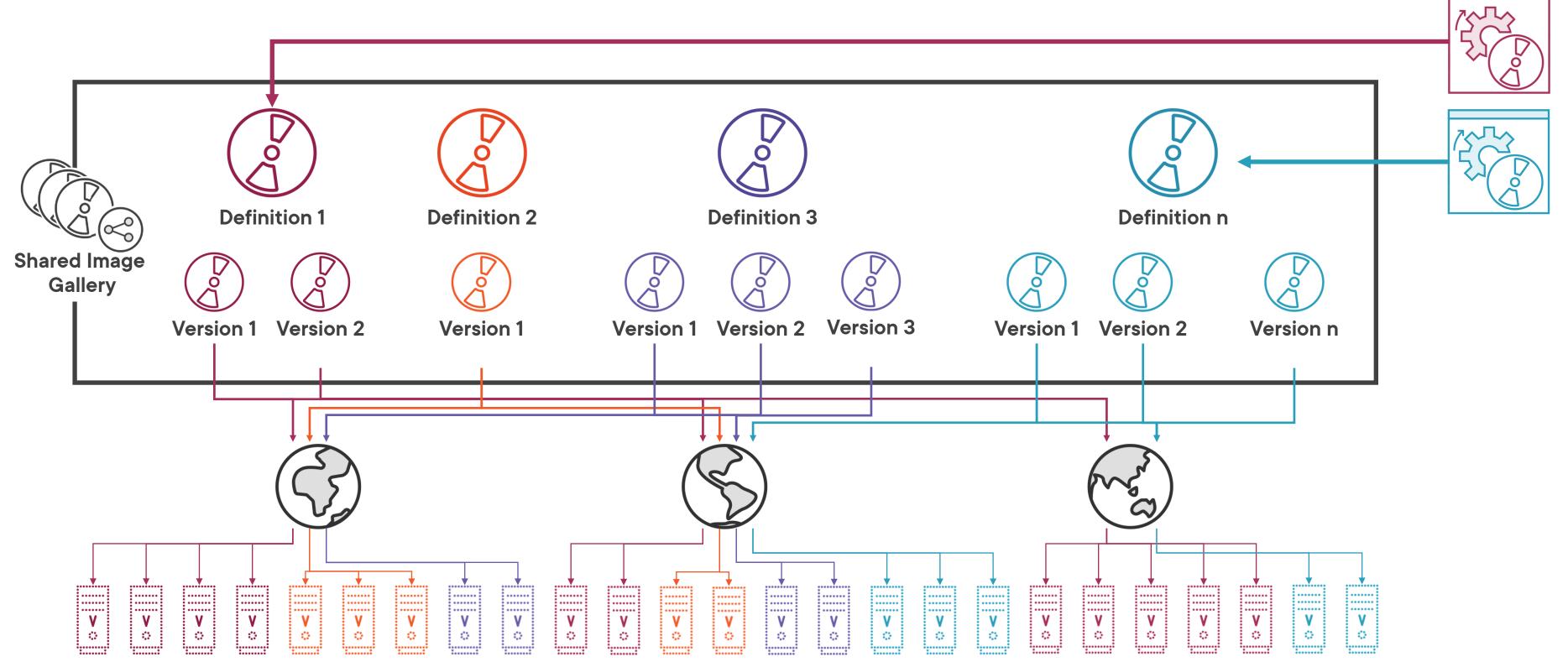
Ways to Distribute VM Images



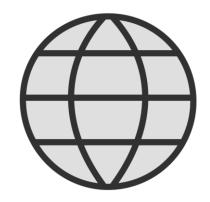
Ways to Distribute VM Images



Shared Image Galleries



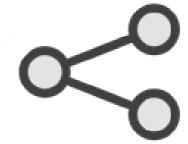
Advantages of Shared Image Galleries



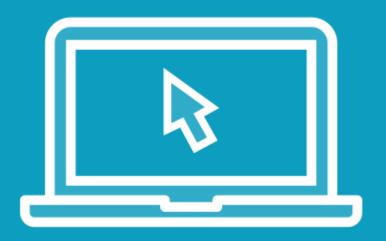
Global replication of images



Versioning and grouping of images



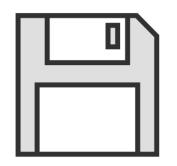
Sharing across subscriptions and tenants



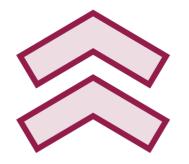
Distributing Images Through a Shared Gallery

- Creating a SIG
- Distribute an Image To a SIG
- Run VM From SIG

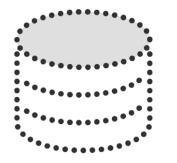
Use Cases for Non-standard VM Profiles



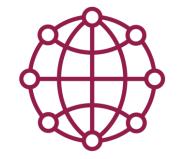
Disk Space



Performance

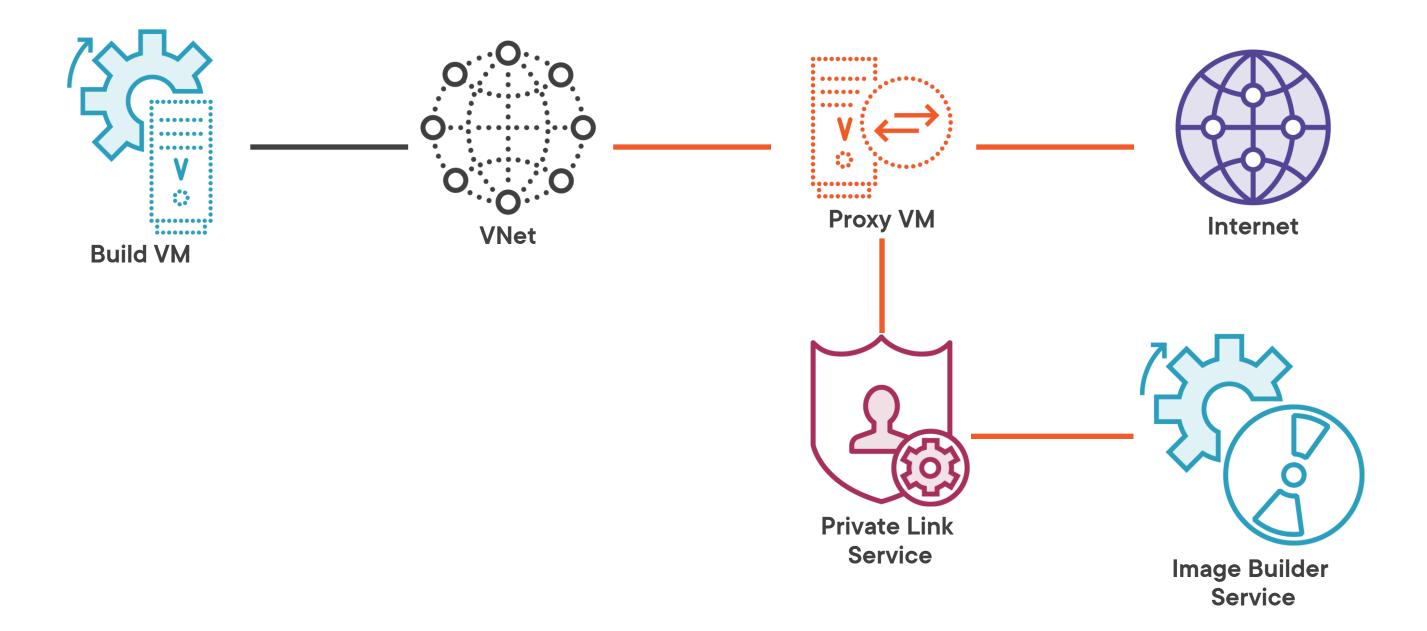


Virtualization, GPU or other family specific requirements



Networking requirements

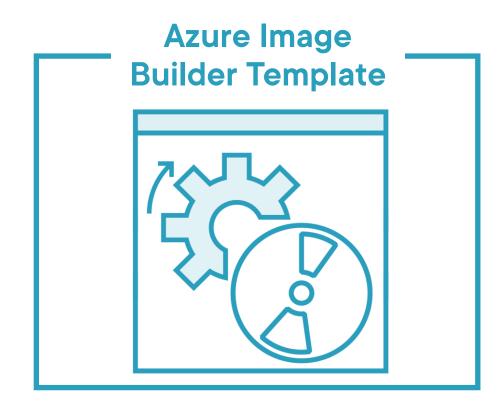
Deploying to Existing Virtual Networks

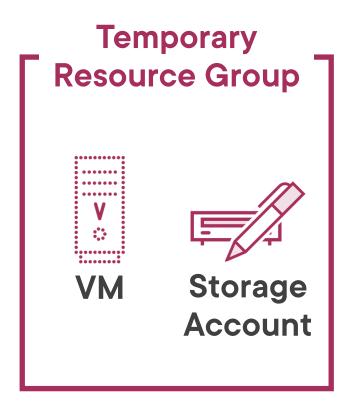




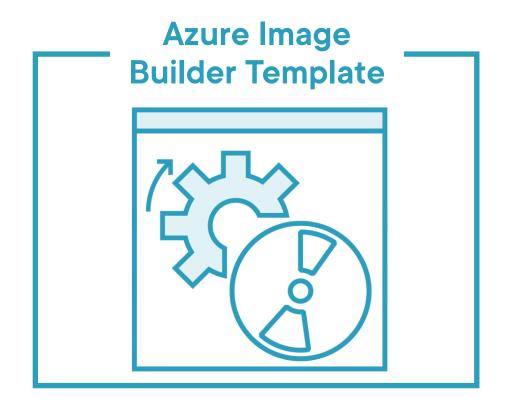
Creating a VM Image in an Existing VNet

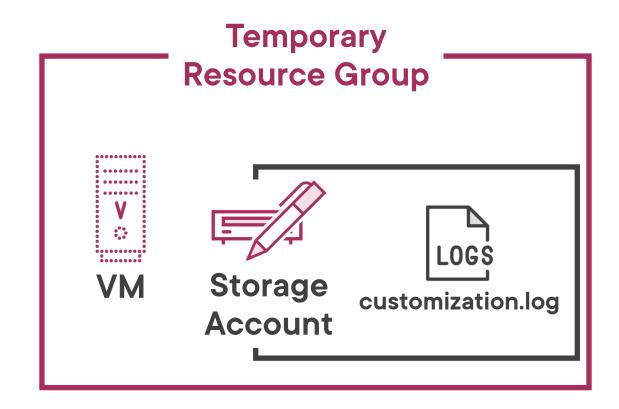




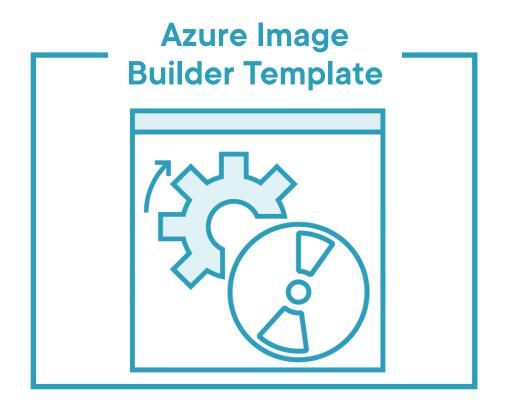


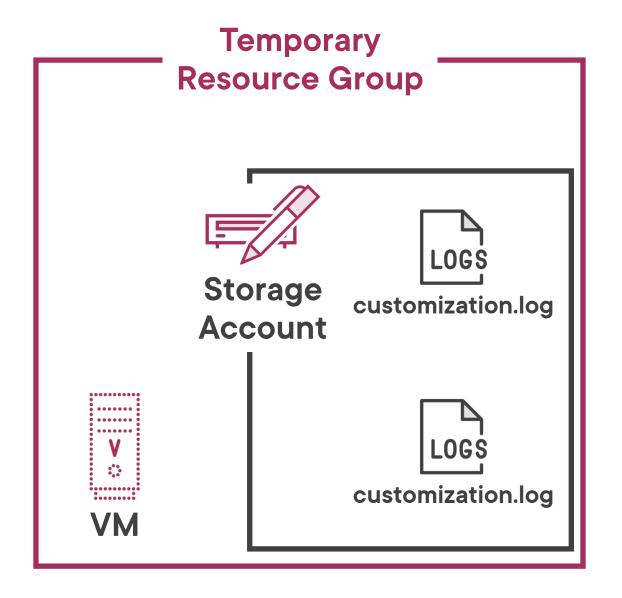


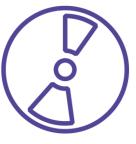






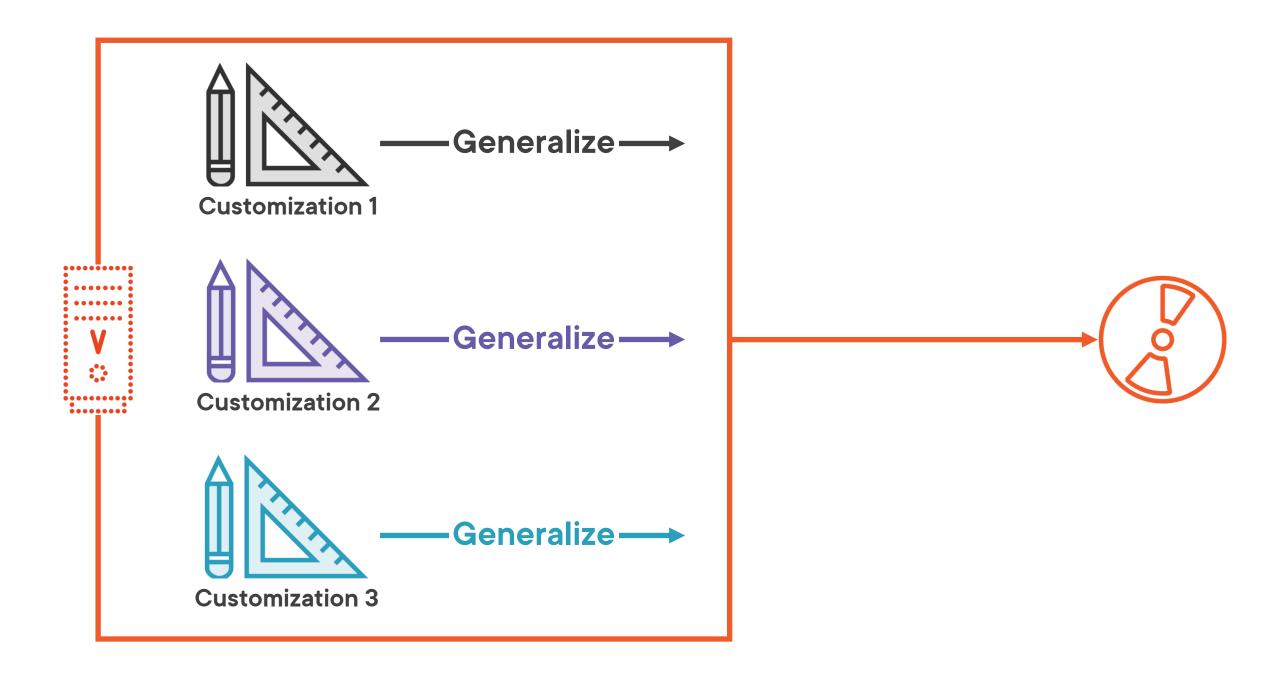








Custom Deprovisioning





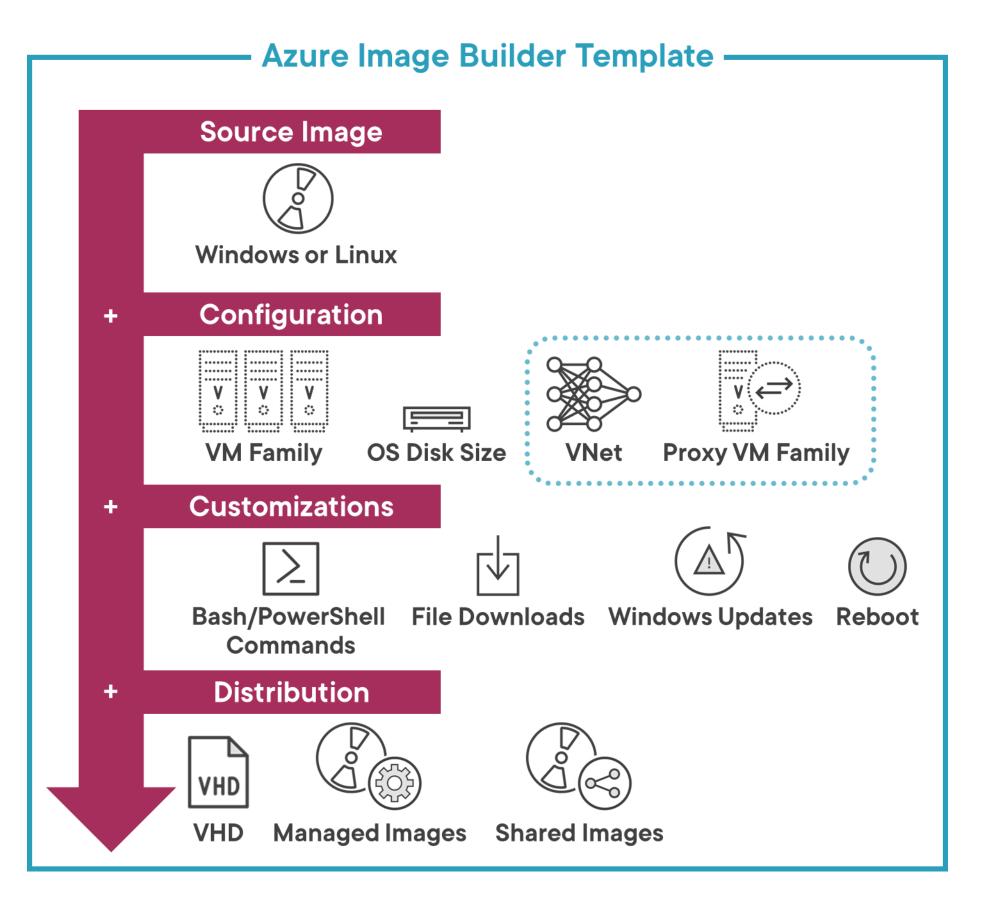
The deprovisioning script can be found at c:\DeprovisioningScript.ps1 (Windows) or /tmp/DeprovisioningScript.sh (Linux)



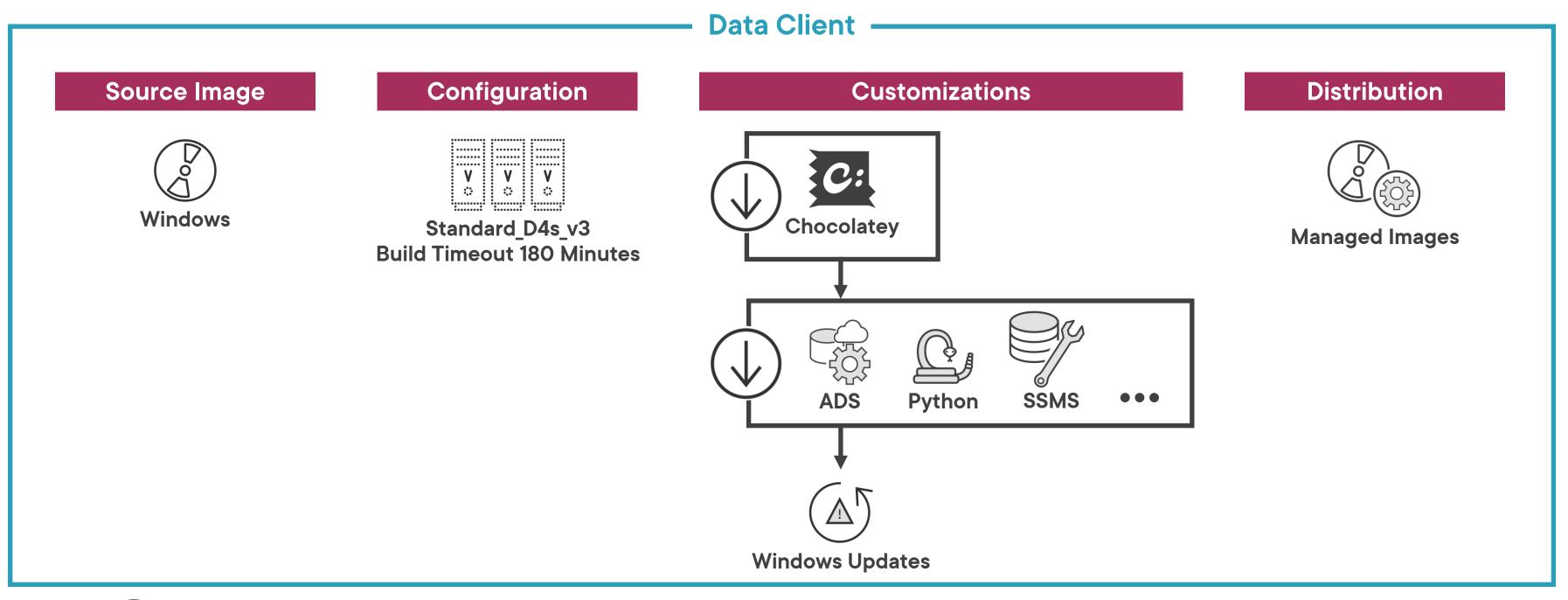
Retrieving the Customization Logfile



"A Real-Life Example"



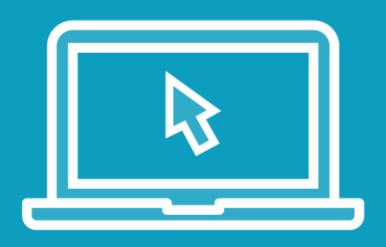
A Real-Life Example





You can use any Windows package manager that can be installed through PowerShell. The Linux equivalent would be apt-get.





Using AIB to Build a Microsoft Data Client



Summary



AIB images can be maintained and rebuilt at any time

When required, images can be built using custom VM configurations

Every build process generates a log file

