Make Your End-User-Computing Mission a Success
VMware® End-User-Computing Best Practices

**Horizon Clients**
- Perform fast, yet secure login.
- Get thin client access, even when outside the corporate network.
- With this tool, more people can sync more often, which means they stay satisfied with the results.
- **40 active connections is not the same as a BR should never have more than 40 active connections at any one.**
- This adds resiliency and availability.

**Virtual Desktop Pools**
- Horizon FLEX 
- **The flexibility of users to securely deliver virtual desktops to thin clients, Macs, Linux, Android, Windows, and other workspaces.**
- Create a pool to service users from proximate locations.
- Use Horizon FLEX to reposition your resources.
- Do not set up more than 10 Horizon FLEX pools at any one.

**Virtual Desktop Master Image and Desktop Pool Configurations**
- A well-structured image is fundamental to desktop pool success.
- Use an image pool and choose a single image for your policies.
- Do not overuse image retention to bet on future data storage consumption.
- Talks the actual VM users if their data is not created by VMware.
- Use a distribution of 2 to 3 VMs per pool.
- Set the following policies for your pools:
  - Do not use the Legacy image.
  - Configure the FCD policies to automatically update the FCD with the new image definition.
- Configure the FCD image quality levels.
- Use the right image format.
- Use virtual disks-image quality.
- Multiple virtual machine quality.
- Use virtual machine format.
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**View Composer**
- Building extended desktop pools based on containerized virtual machine technology.
- Initial Composer, especially if you are planning your virtual machine technology.
- When configuring your solution (see), create a small number of master images first, then build each of these images to deploy the expected image represented by the image and the number of desktops you are going to use.
- This will help your final workspace performance by getting the original pool image right the first time.

**App Volumes**
- For all thin client delivery with any management framework.
- Softraid-based performance—creates 2 to 3 times fewer snapshots.
- App Volumes drop support (as follows), where it doesn’t make sense to support.
- Which applications do you need access to?
- Put them in the base image, set to an App.
- Excluded applications policies:
  - Must be 200 per app.
  - Only one policy per user / per manager.
  - Should be 300.
- More control capabilities when using vCenter along with the piping to the application, are using vIDM for the management of virtualization and application application.

**User Environment Manager**
- User experience delivery across any device, location, or operating system.

**Remote Desktop Session Host Apps and Desktops**
- Use RDSH to deliver applications and desktops.
- Do not:
  - Use RDSH services on App Volumes.
  - Use any 3rd party software to deliver applications.
  - Use App Volumes to deliver applications.
  - Use Horizon FLEX to deliver applications.

**Virtual SAN**
- The all-modular infrastructure for the software-defined data center.
- Virtual SAN is not just for storage, but also for virtual desktop storage.
- Multisite replication is a prerequisite for physical desktops using Virtual SAN.
- For physical desktops.
- Use Virtual SAN for physical desktops.
- Use Storage vMotion for virtual desktops.
- LC for physical desktops.
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**NSX**
- The network and security virtualization platform for the software-defined data center.
- Use NSX for your distributed virtual firewall, distributed load balancer, and distributed Application Security Group.

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**View in Horizon 6**
- Important to get a desktop-based Anytime, Anywhere, Anywhere solution.
- View Composer provides granular access policies based on network, user, or device.
- Implement granular access policies based on network, user, or device.
- The pluggable authentication framework lets you do your desktop, or mobile apps.
- Use Horizon FLEX admin settings to restrict containerized desktops to BYOD users, Mac, Windows.
- Use vIDM to access SAML, WS Federation, and other security servers.
- vIDM provides identity management services for enterprise mobility.
- Unified access to all mobility services.
- Policy Server. Run fast regional servers.
- Pre-embed the serial key and server name.
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