

Software Selection:

Choose a minimum of 2 software to research for the project, insert them besides your name, so that no one else selects them.

Chris: Ivanti, SmartDeploy

Sam: Microsoft Deployment Toolkit, FOG

Jonathan: Windows Azure, Microsoft Systems Center

Gurpreet: Kace, Symantec Ghost Solution Suite

Erick: Microsoft Endpoint Manager, Workspace ONE

Research Input:

List of Requirements	Grading (point system)
Able to deploy Windows 10 & Windows 11	10/10 = absolute must; 10 points No Windows 10 same as deploying Windows 11
Able to deploy Windows Server 19	3/10 = nice to have; 3 points Done same as installation
Able to deploy RHEL 7 & 8	10/10 = absolute must; 10 points No RHEL 7 same as RHEL 8
Able to deploy Ubuntu	5/10 = highly desirable not necessary; 5 points Deploy\ it
Able to deploy Apple OSX	2/10 = nice to have; 2 points Can't test illegal
Able to support multiple users, multiple IT staff can deploy systems	9/10 = must; 9 points Sam says he will explain
Configure settings on workstations to meet security requirements	6/10; 6 points Sam says he will explain
Able to support various models	10/10 = absolute must; 10 points Sam says he will explain
Ability to apply updates	8/10 = necessary; 8 points Sam says he will explain
Ability to encrypt hard drive	5/10 = highly desirable not necessary; 5 points Sam says he will explain
Ability to join a central management system, centralized authentication, talking about	6/10; 6 points Sam says he will explain

centralized management, think ansible, ex: active directory, landscape, satellite	
Ability to run custom scripts	9/10 = must; 9 points Sam says he will explain
Solution should be able to deploy to a laptop or desktop in two hours	7/10; 7 points Maybe / explanation
Solution should be able to deploy to 25 systems simultaneously	8/10 = necessary; 8 points Deployed to two can scale
Has good 3 rd party reviews	5/10 = highly desirable not necessary; 5 points

Software Scoring:

103 is the highest score possible given graph above.

Chris: Total hours researching – 2 hours 45 minutes

Ivanti = 86/86 (N/A excluded) - 100%

Can't Find: #6 - Support multiple users & #14 – Deploy to 25 systems simultaneously

SmartDeploy = 66/83 (N/A excluded) - 79.5%

Can't Find: #6 – Support multiple users, #7 – configure setting to meet security requirements, & #10 Ability to encrypt hard drive

Sam: Total time Researching: 30 minutes

Microsoft Deployment Toolkit & WDS: 103 points =

In conjunction with WDS, MDT should be able to fill al the requirements

- Booting certain versions of mac could we possible with wds*

FOG = 103 points

<https://fogproject.org/>

Jonathan: Approximately 2.5 hours

Windows Azure = 93/95 points – 97.8%

- Unable to find if you can simultaneously deploy to 25 systems.

Microsoft Systems Center 96/103 = 93.2%

- Not sure if it can deploy within a 2-hour duration. It all depends on what is being deployed.

Gurpreet: Total hours researching – 4 hours

Kace = 88/103 - 85%

(Does not support Windows 11 & RHEL 8 and doesn't have ability to encrypt hard drive)

Symantec Ghost Solution Suite = 61/88-- 69%

(Limited support to deploy Ubuntu, does not deploy Apple OSX, cannot configure settings on workstations, does not have ability to encrypt hard drive or run custom scripts, no information for how long it takes to deploy or how many systems can be deployed at a time was found)

Erick: *Total Hours Researching: 3 Hours 30 Minutes*

Microsoft Endpoint Manager = 88/88 - 100%

- Does not currently support Ubuntu Deployment, will be supported in Early 2022 (#4)
- Could not find information on how long it takes to deploy (#12) and simultaneously deployment information (#13)

Workspace ONE = 85/88 - 96.5%

- Does not support Windows 19 Server Deployment
- Could not find information on how long it takes to deploy (#12) and simultaneously deployment information (#13)

Selection Process:

1. Microsoft Deployment Toolkit & WDS
2. Ivanti
3. FOG

[1:37 PM] Kirk Inman

[Azure Development Tools for Teaching](#)

Here's the link: <https://azureforeducation.microsoft.com/devtools>

Faculty, Staff and Students can sign in with their netIDs and passwords and then go to the software section to see everything. This is only for Microsoft products but it includes operating systems downloads and other development software including Project and Visio. Students must accept the "Terms and Agreements" to download software.

Azure Dev Tools for Teaching

Workstation Deployment Tools:	Score (based off requirements):
SmartDeploy -	66/83 = 79.5%
Ivanti -	86/86 = 100%
Microsoft Deployment Toolkit -	101/103 = 98%
FOG -	98/103 = 95%
Windows Azure -	93/95 = 97.8%
Microsoft Systems Center -	96/103 = 93.2%
KACE -	88/103 = 85%
Symantec Ghost Solution Suite -	61/88 = 69%
Microsoft Endpoint Manager -	88/88 = 100%
Workspace ONE -	85/88 = 96.5%