



One MOF to rule them all, and in the Azure bind them

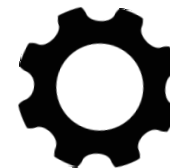
*One MOF – in Azure – can be leveraged to rapidly
deploy and/or ensure ongoing compliance for all of
your devices, both on-prem, and in the cloud.*

DSC General Workflow

Authoring

Staging

Execution



LCM

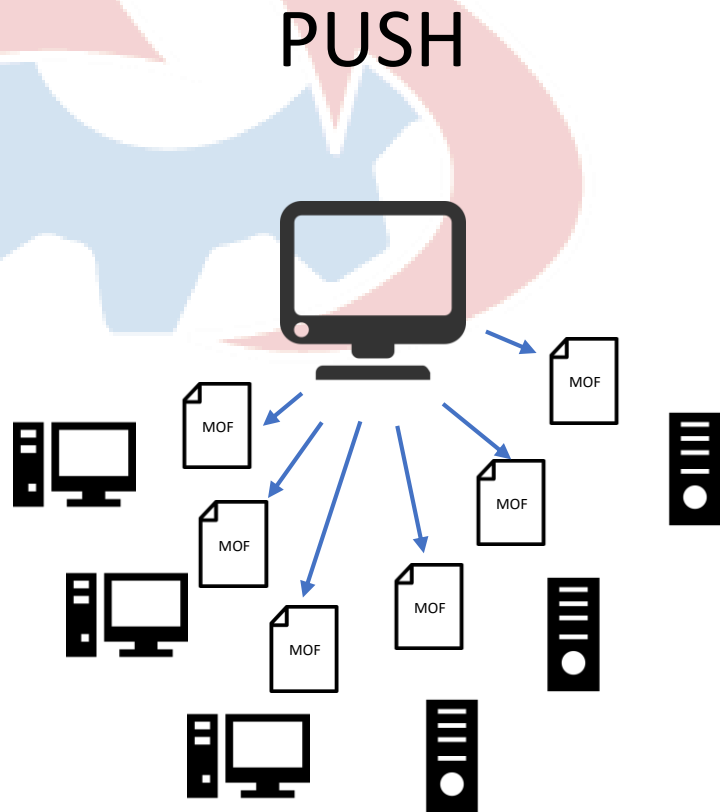


Pending.mof

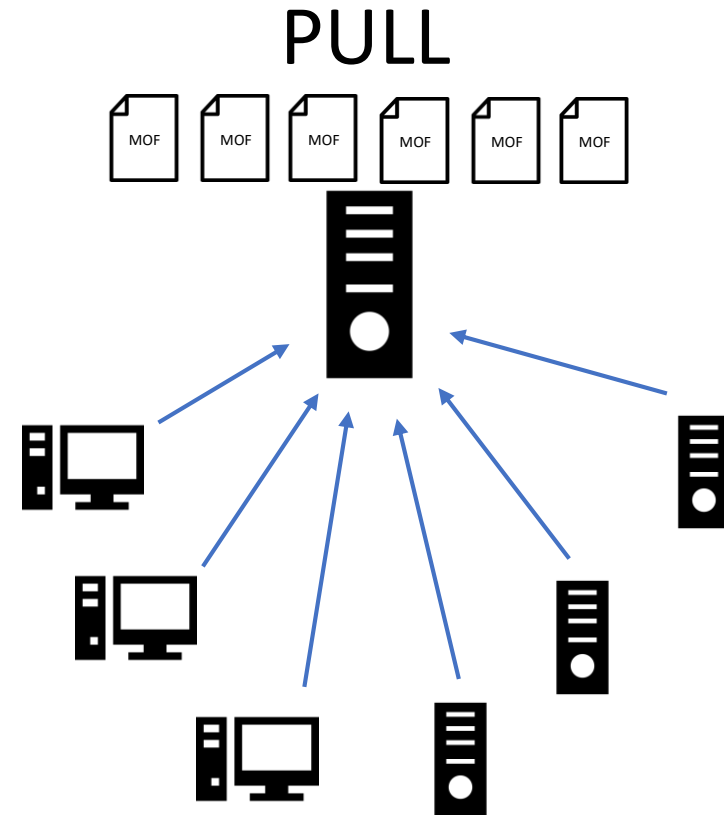


Current.mof

DSC – Node Specific

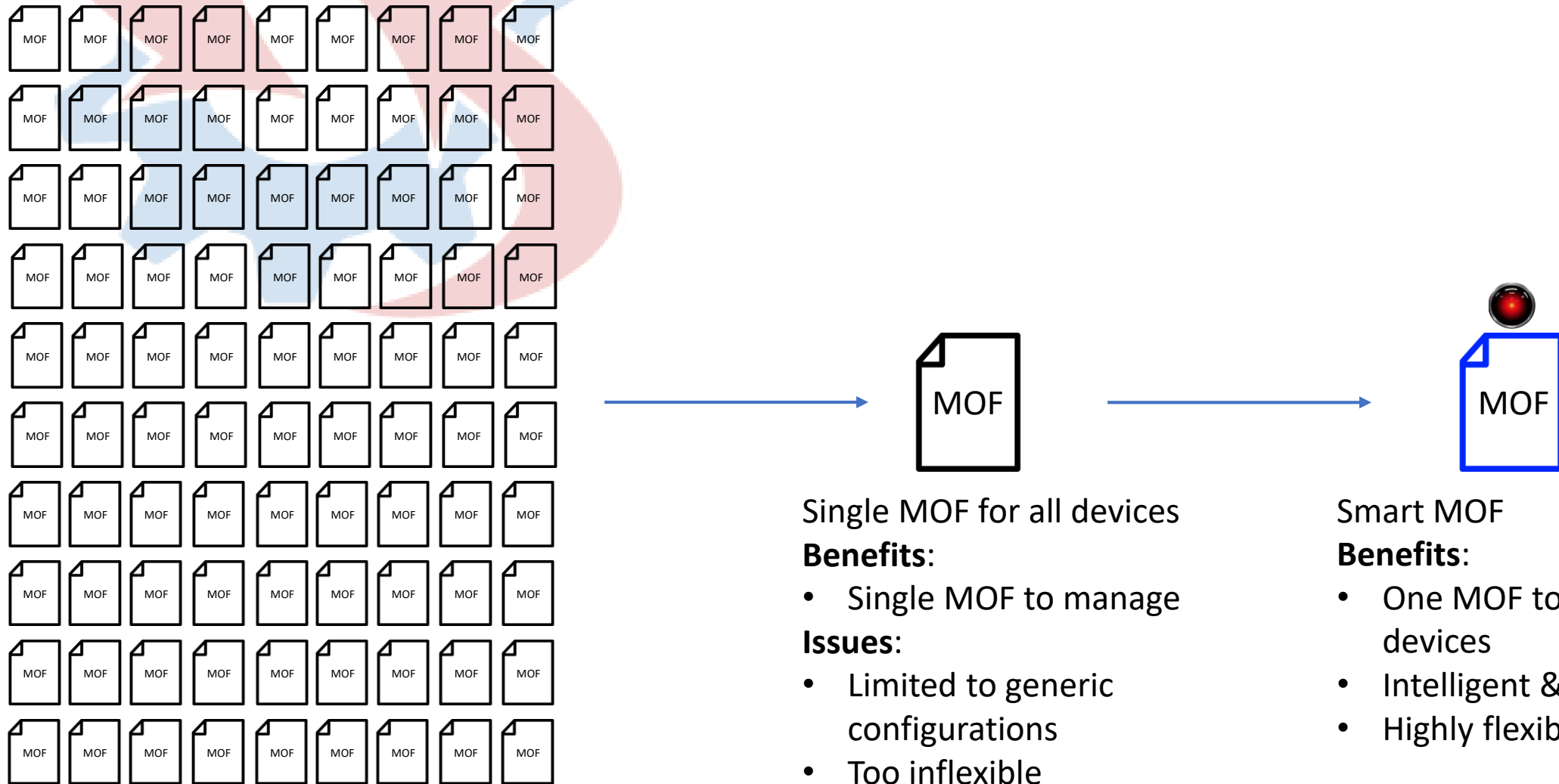


Author MOFs for every device to push out



Author MOFs for every device and place on pull server

Breaking out of a many MOF world



One MOF to rule them all – how can it be achieved?

localhost

Custom DSC
Resources

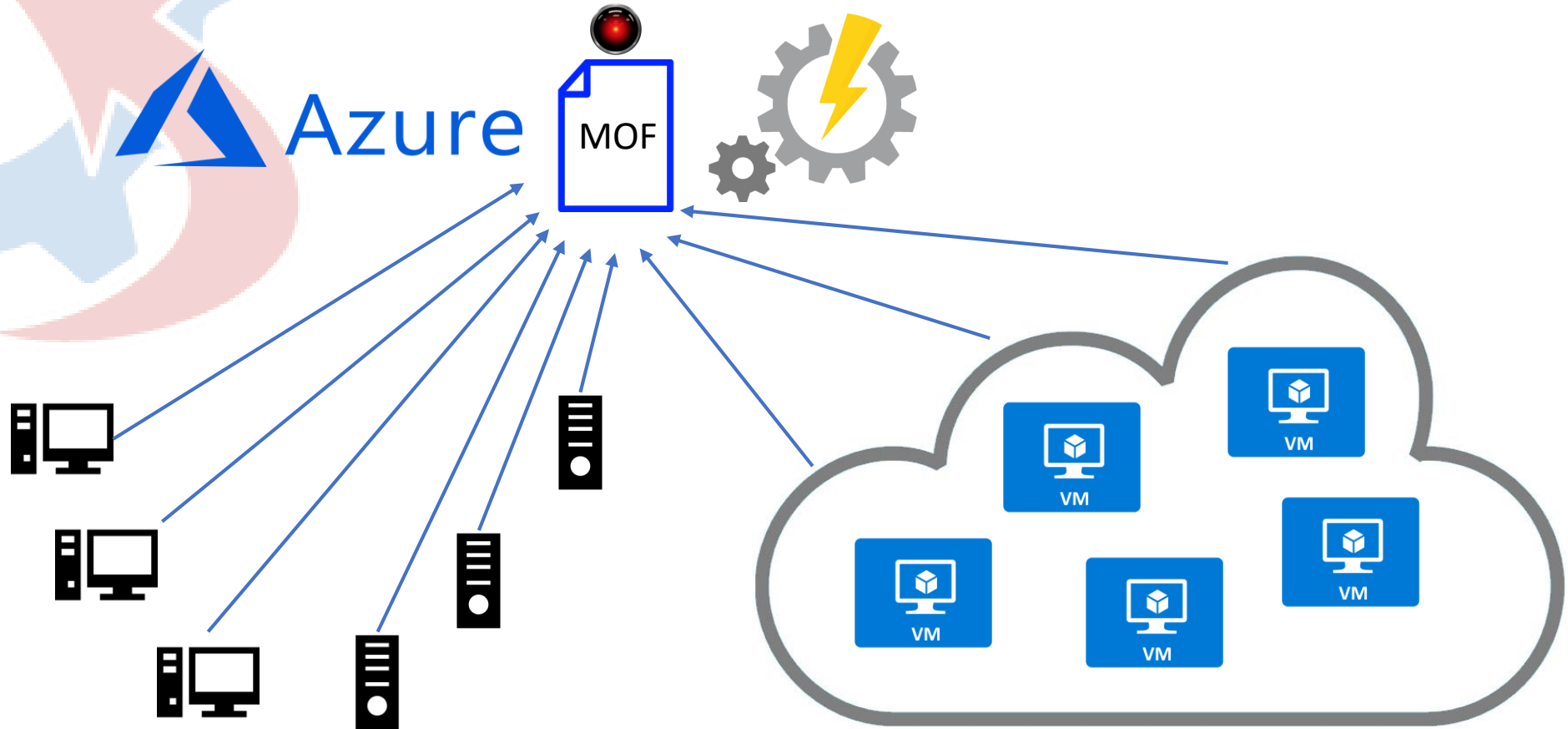


Locally sourced
configuration data

Azure
Automation
DSC



One intelligent MOF - sourced from Azure
Automation DSC - interacts with all devices

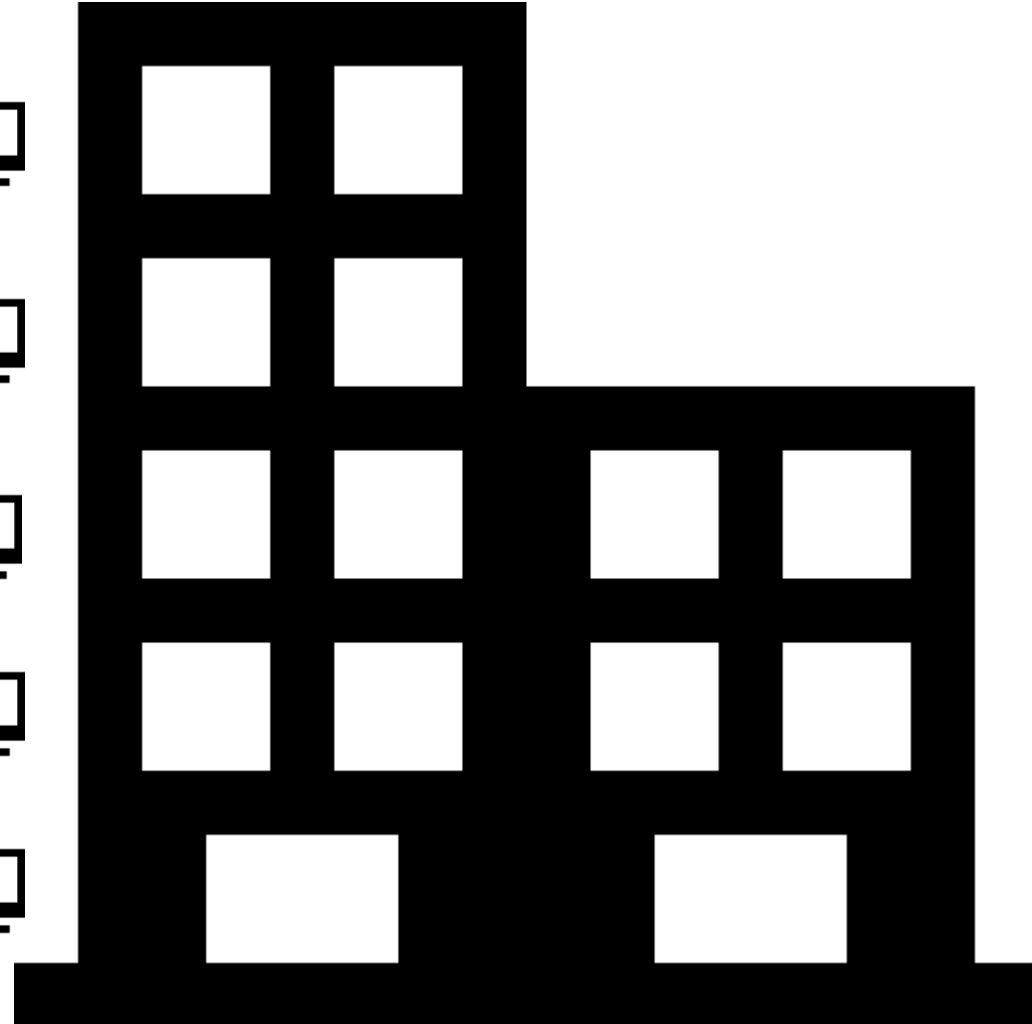
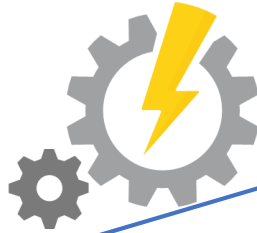




DEMO

- Working towards one “smart” MOF

One intelligent MOF – dynamic enough to know what floor it's on?!





DEMO

- Custom resources required

Closing Thoughts – Empower Support

| | |
|----------------------|-------------|
| SetSMBIP_1 | ✓ Compliant |
| SetSMBIP_2 | ✓ Compliant |
| WindowsDefender | ✓ Compliant |
| DomainJoin | ✓ Compliant |
| jGroup | ✓ Compliant |
| Cluster | ✓ Compliant |
| ClusterNetworks | ✓ Compliant |
| ClusterSettings | ✓ Compliant |
| SCOM | ✓ Compliant |
| WinRM | ✓ Compliant |
| PatchSettings | ✓ Compliant |
| Registry | ✓ Compliant |
| ClusterAwareUpdating | ✓ Compliant |
| DeleteDscTmpFile | ✓ Compliant |

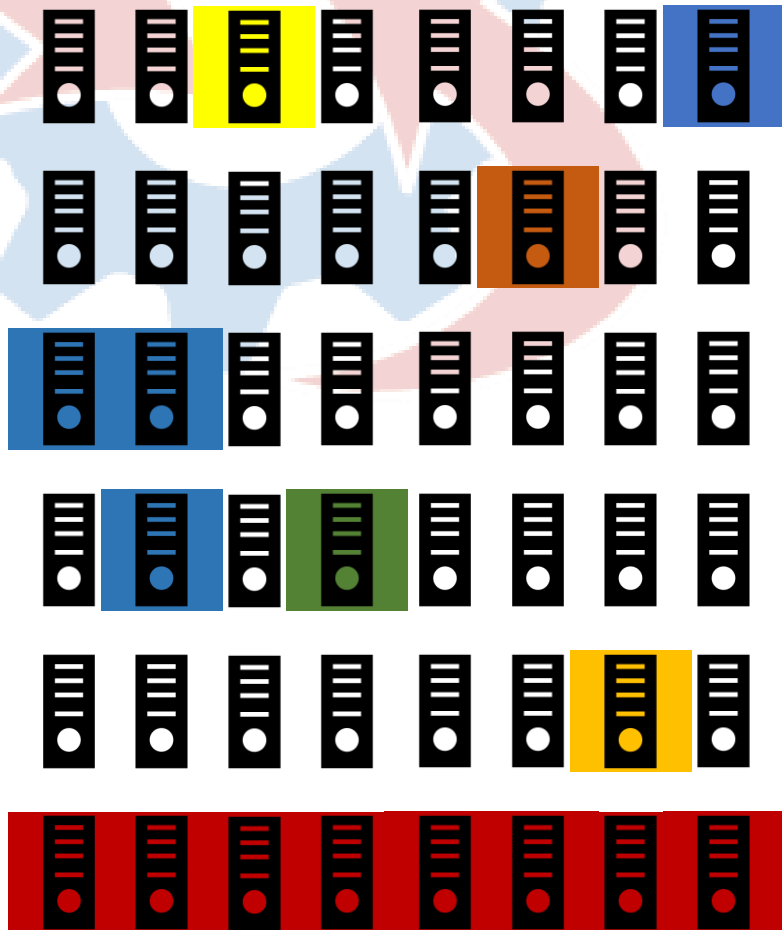
| NAME | STATUS |
|--------------|----------------|
| 502489-HYP01 | ✓ Compliant |
| 502490-HYP02 | ✓ Compliant |
| 507111-HYP3 | ⦿ Unresponsive |
| 510857-HYP03 | ✓ Compliant |
| 517705-HYP1 | ✗ Failed |
| 579188-HYP1 | ✓ Compliant |
| 579189-HYP2 | ✓ Compliant |
| 775902-HYP49 | ✓ Compliant |

Reports

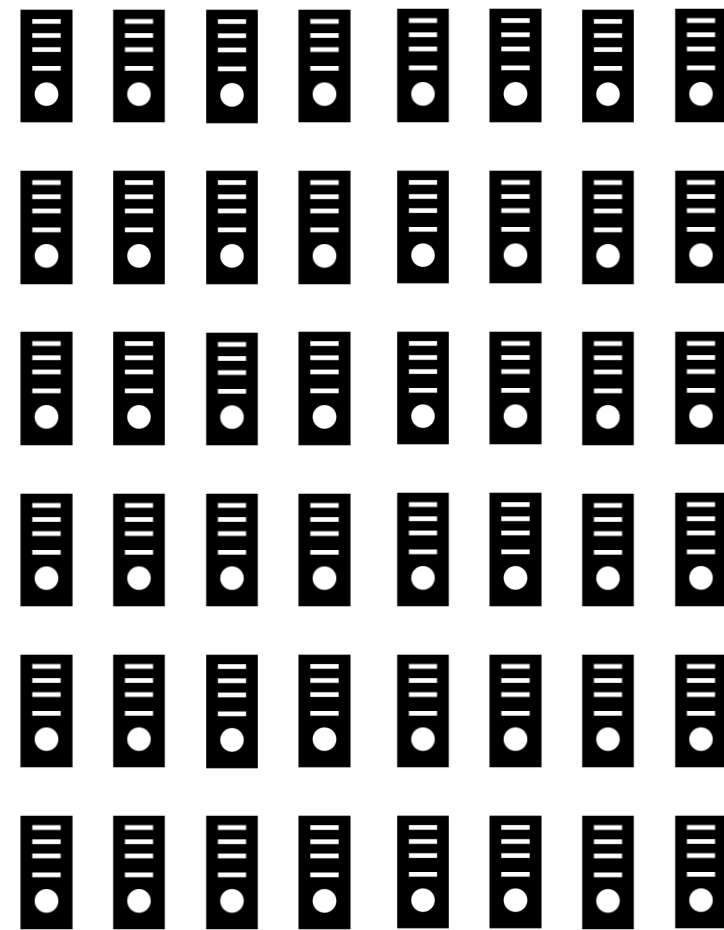
| TYPE | STATUS | REPORT TIME |
|-------------|-------------|-------------------|
| Consistency | ✓ Compliant | 4/2/2018 2:18 PM |
| Consistency | ✓ Compliant | 4/2/2018 2:03 PM |
| Consistency | ✓ Compliant | 4/2/2018 1:18 PM |
| Consistency | ✓ Compliant | 4/2/2018 12:47 PM |
| Consistency | ✓ Compliant | 4/2/2018 12:17 PM |
| Consistency | ✓ Compliant | 4/2/2018 11:32 AM |
| Consistency | ✓ Compliant | 4/2/2018 11:17 AM |
| Consistency | ✓ Compliant | 4/2/2018 10:18 AM |
| Consistency | ✓ Compliant | 4/2/2018 10:17 AM |
| Consistency | ✓ Compliant | 4/2/2018 9:17 AM |
| Consistency | ✓ Compliant | 4/2/2018 9:02 AM |
| Consistency | ✓ Compliant | 4/2/2018 8:17 AM |
| Consistency | ✓ Compliant | 4/2/2018 7:47 AM |
| Consistency | ✓ Compliant | 4/2/2018 7:17 AM |

Closing Thoughts – change at scale is powerful

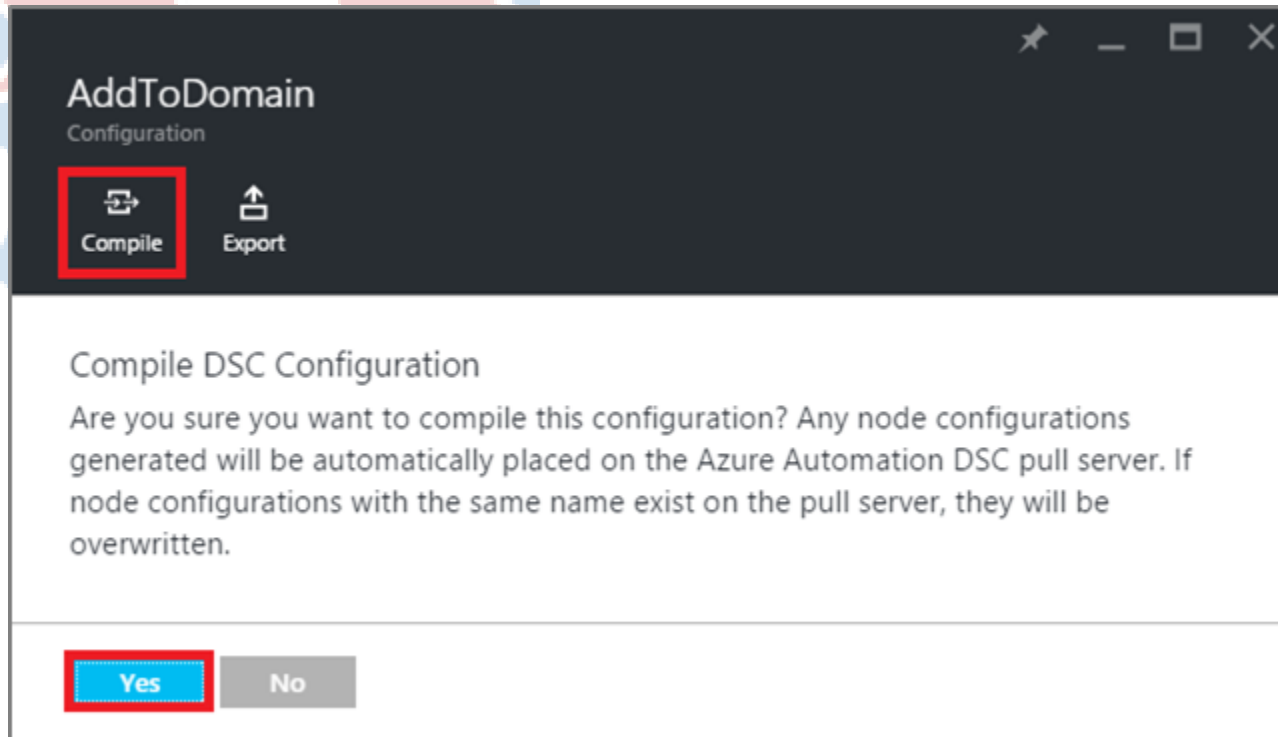
Micro



Macro



Closing Thoughts - agility



Configuration Mode ⓘ

ApplyAndMonitor



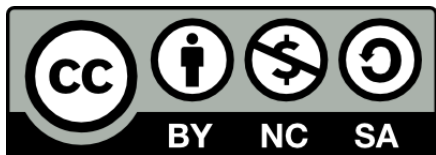
THANK YOU!

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Get all of the code, files, and slides from today's presentation:
URL: <https://github.com/techthoughts2/PSSummit-One-MOF>
Shortlink: <http://bit.ly/2prMlV8>



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