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Veeam Recovery Orchestrator to HERO



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Agenda

- Oh no!
- Live demo
- Step up, be the recovery hero
- Recovery plans
- Restore locations
- CleanDR
- RBAC
- VRO to hero lab program





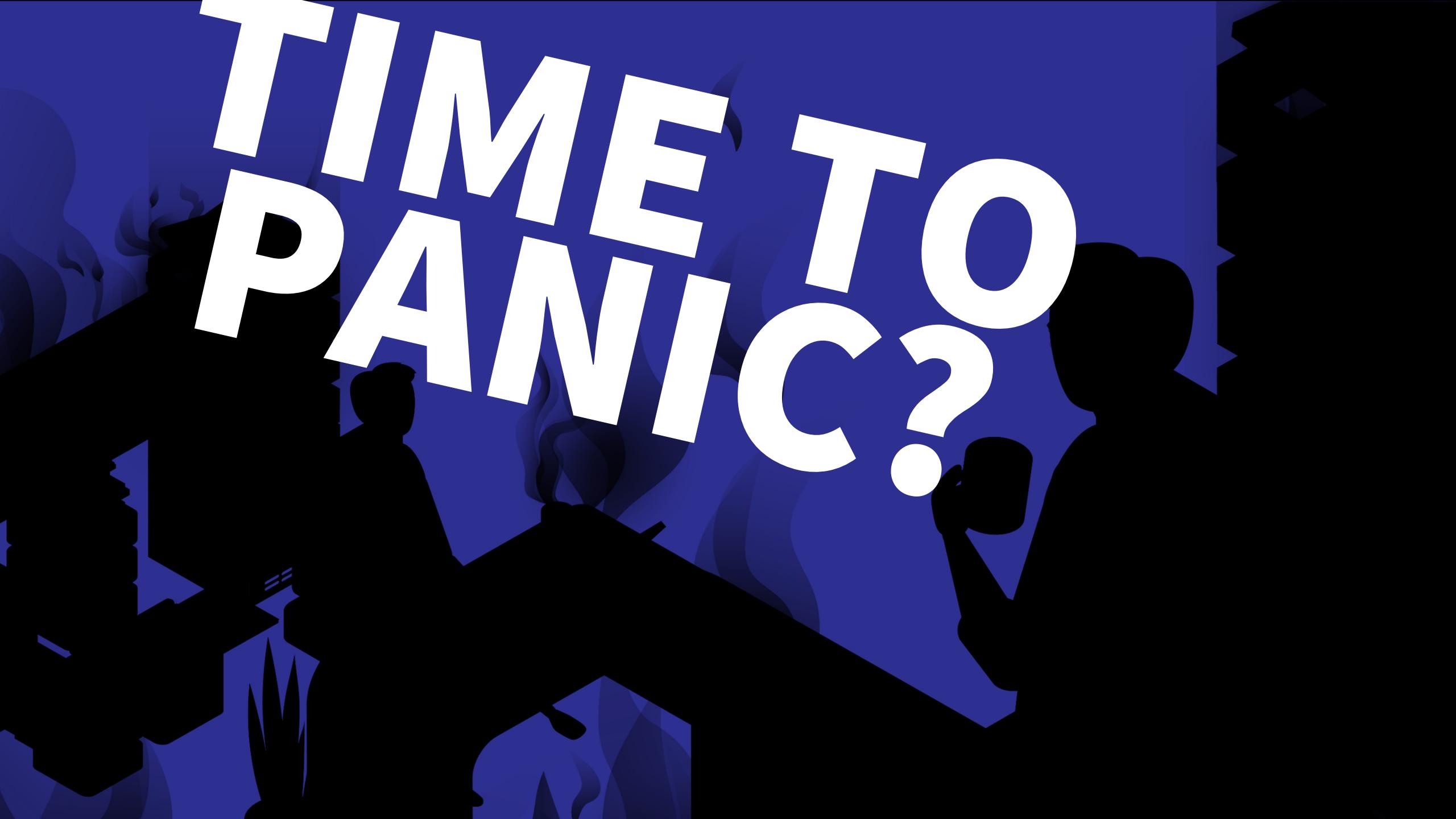
Demo environment
is encrypted/
deleted



SERVICES ARE DOWN, OR NOT AVAILABLE
BUSINESS CAN BE IMPACTED
**THE BOSS IS
“CONCERNED”
“SWEATING”**



TIME TO PANIC?



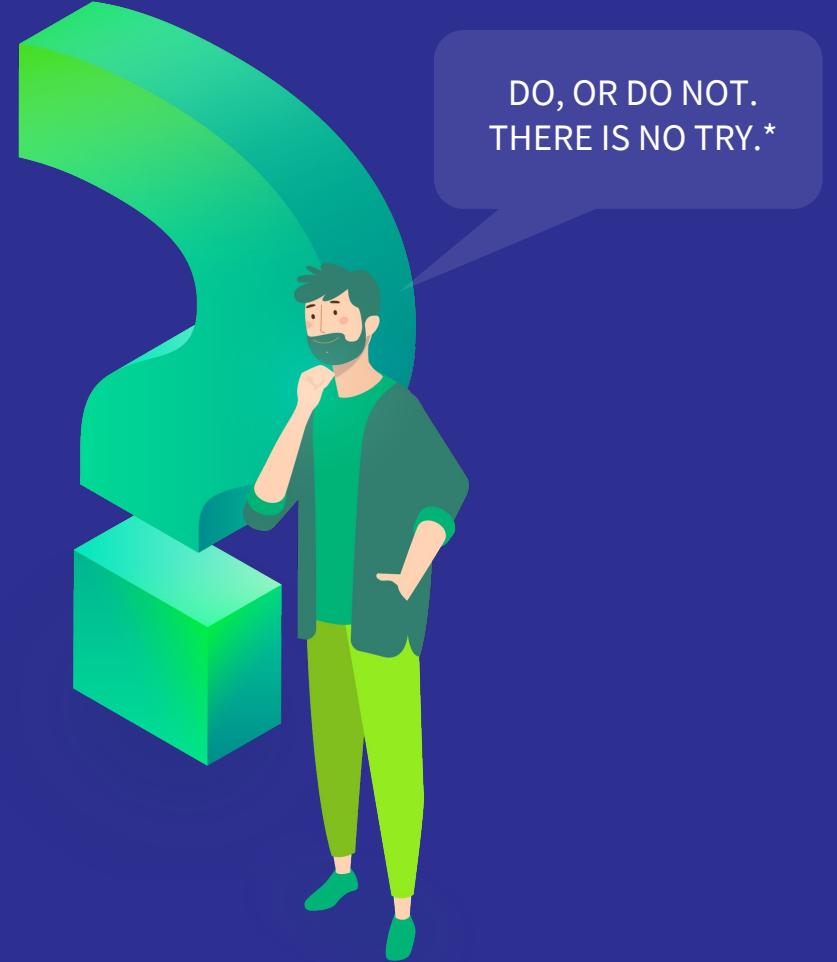
Most recovery plans

- ✓ Not documented or updated.
- ✓ Contains “tribal knowledge.”
- ✓ No formal testing.
- ✓ No reporting.
- ✓ Best guess effort.



What the business wants

- ✓ Current documented procedures.
- ✓ Tested and verified recovery procedures.
- ✓ Efficient recovery to an operational state.
- ✓ Cooperation across functional teams.



* © YODA – Star Wars character

Step up, be the recovery hero

- ✓ Automatically updated recovery plan documentation.
- ✓ Recover to needed locations.
- ✓ Test and report on recovery plans.
- ✓ Allow application owners to manage recovery plans.

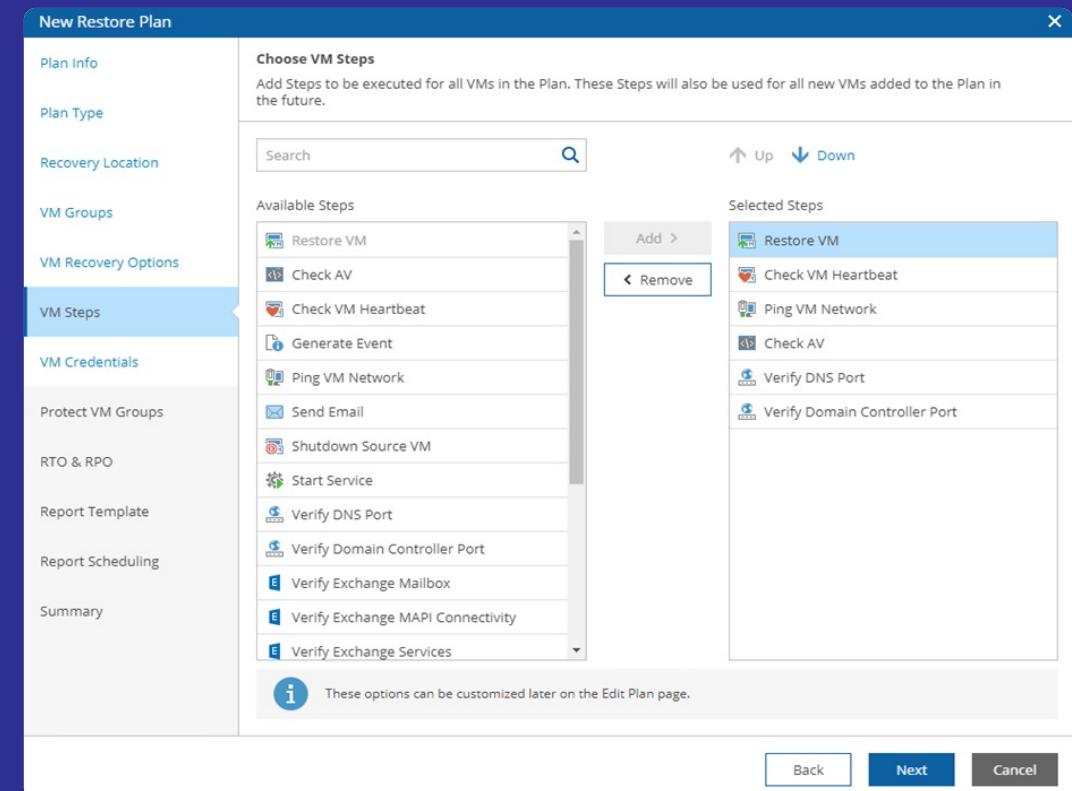


Recovery (Orchestration) plans



Someone with a plan can beat
a genius without a plan. Warren Buffet

- ✓ Dynamically restore VMware and/or Agent backups created by Veeam® Backup & Replication™.
- ✓ Define and establish RPO and RTO in alignment with business requirements.
- ✓ Inject any number of in-guest operations or custom scripting.



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Demo recovery plans

Recovery locations



Where are we recovering to?

Some of these workloads should be in
the cloud and others should be
recovering to our other data centers.

How do we ensure we're recovering to
and from the correct location?

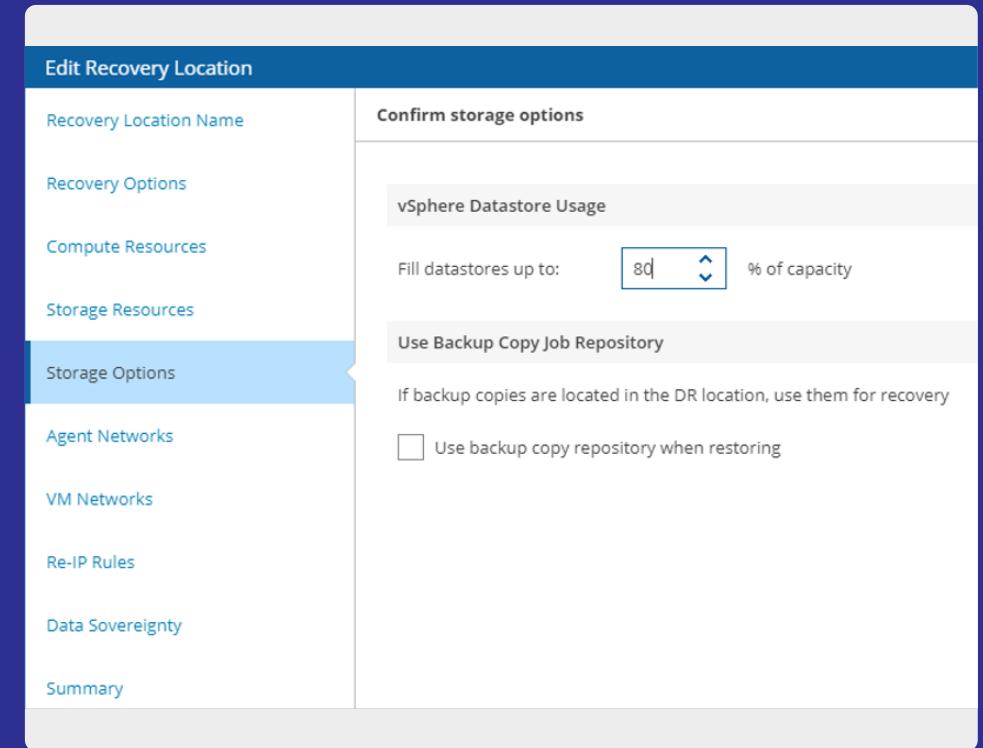
Recovery locations



In any situation,
location is crucial.

Gordon Ramsay

- ✓ Three types of recovery locations:
Storage, restore and cloud.
- ✓ Assign vSphere compute and storage using vSphere tags.
Network mappings and Re-IP capabilities ensure proper connectivity after recovery.
- ✓ Recovery locations are tied to plans so that when it's time to recover, there's no need to figure out what goes where.
- ✓ Define Azure resources ahead of time, including subscription, networks and VM series type.



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Demo recovery locations

What about malware?



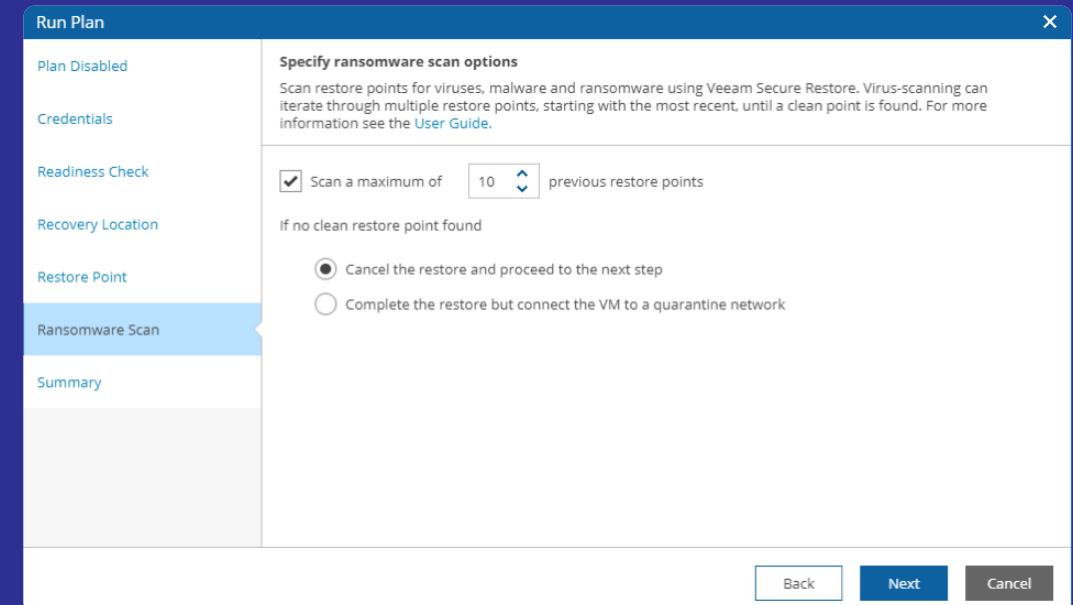
How do we make sure our recovery points are clean and that we are not recovering infected systems?

Clean DR

- ✓ Automatically iterate virus scans through multiple restore points until the most recent clean one is found.
- ✓ Regularly scan restore points during Veeam DataLabs™ testing, with the results shown in dashboards and reports for improved visibility.
- ✓ Works with both vSphere and agent backups for recovery to vSphere and Azure.

“ Trust, but verify.”

Suzanne Massie



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Demo clean DR

Application owner control



“

But I want
to control
my plans.

”

Olivier Rossi

Self-service resource scopes (AKA RBAC)

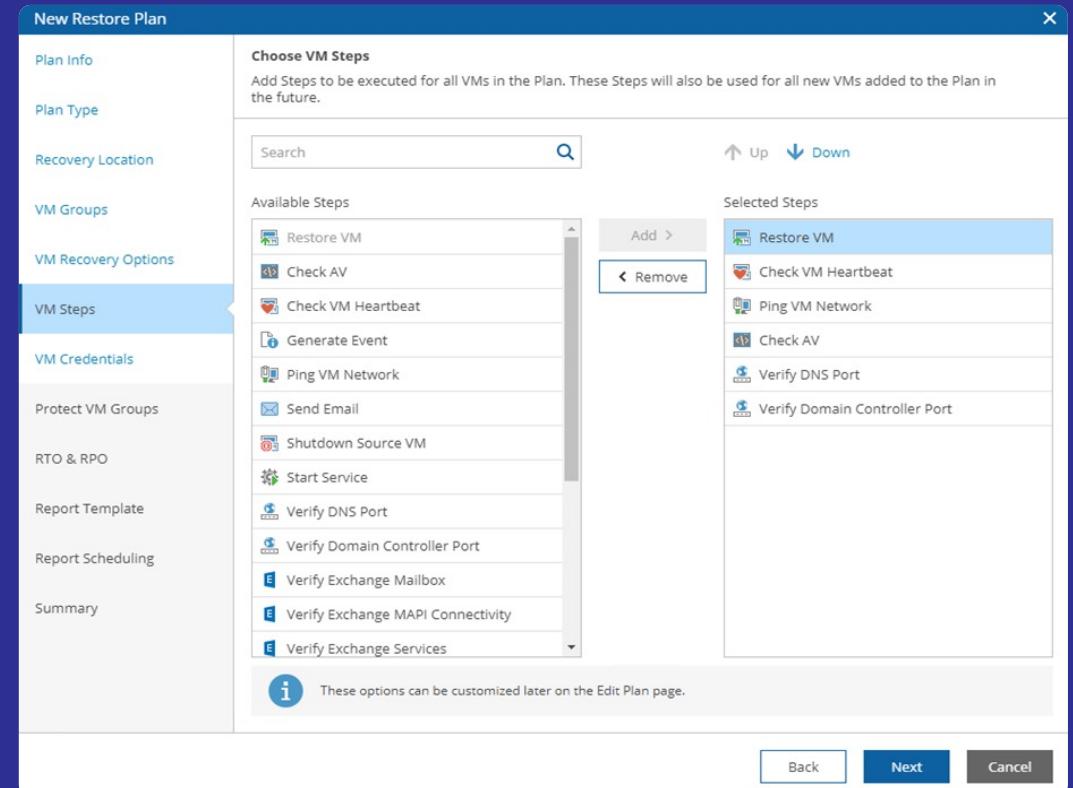
“

I'm sorry, Dave.
I'm afraid I can't do that.

”

HAL

- Delegate access to plan creation, testing and execution.
- Combination of roles, resources and recovery locations.
- Administrators can view and manage all scope plans.



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Demo RBAC



“ Good job, guys.
You get to keep
your job. ”

Success!

VRO to hero lab program (TBD)



TBD details are still being worked out

- First level bullet point.
- First level bullet point goes here. This is a much longer bullet point. First level bullet point goes here. This is a much longer bullet point.



Thank you!

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