

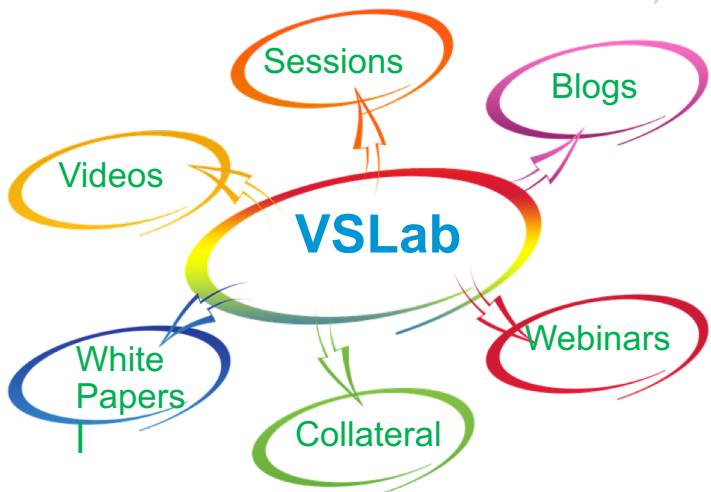
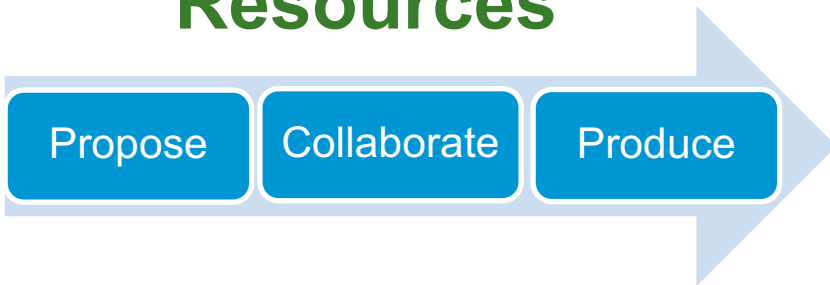
VMware Solutions Lab (VSLAB) 2018

www.vmware.com/vslab

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Connecting VMware Partners with VMware Resources



The VMware Solutions Lab Model

Innovative and Unique Ideas proposed by VMware Partners



Propose



Collaborate

VSLab access
VMware Support



Produce

Unique Solutions
Compelling Collateral

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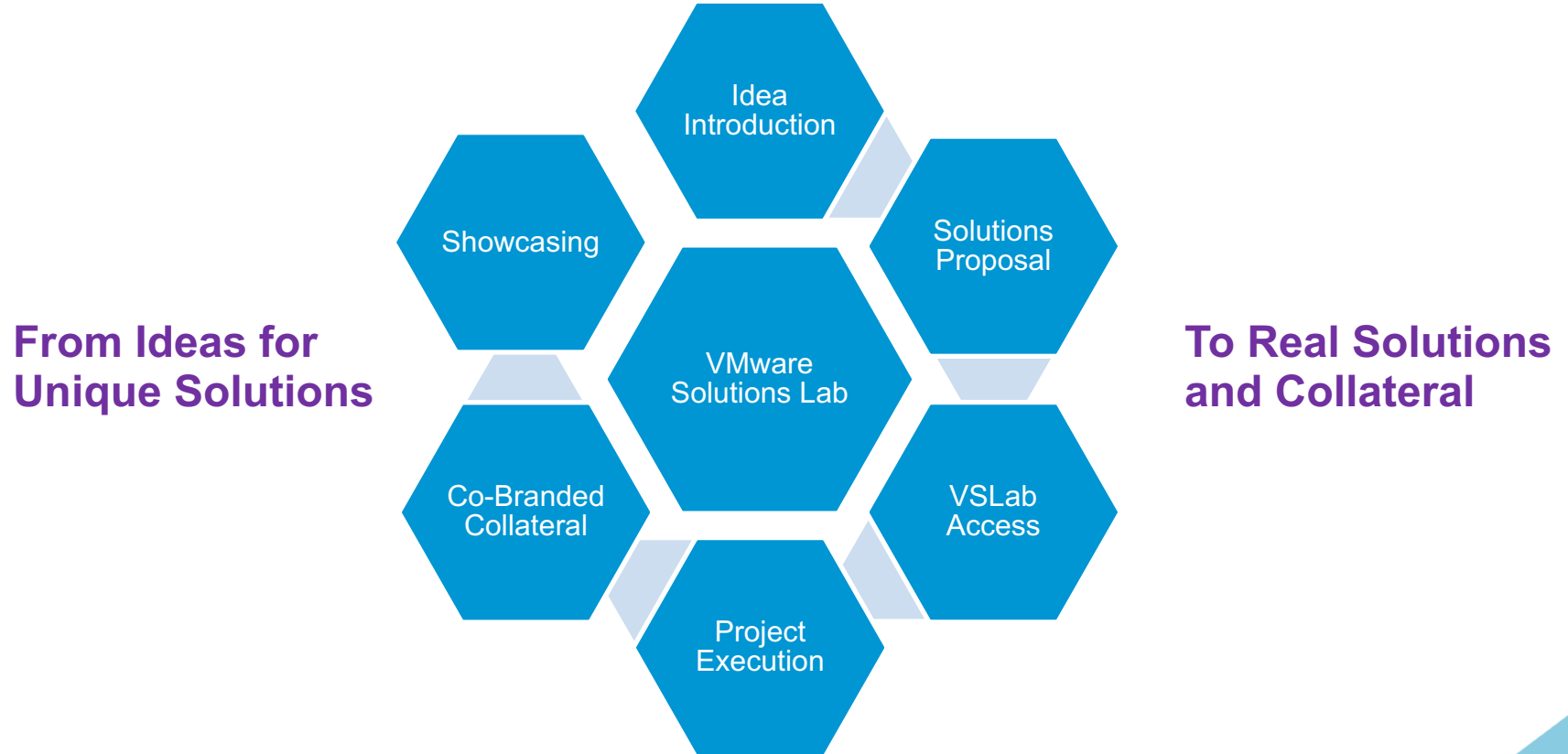
www.vmware.com/go/solutionslab/projectrequest

VMware Solutions Lab Ethos

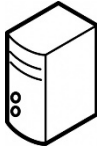

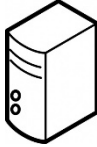
Collaborative Approach -> All Star Team -> Knowledge Sharing -> Showcasing-> GTM

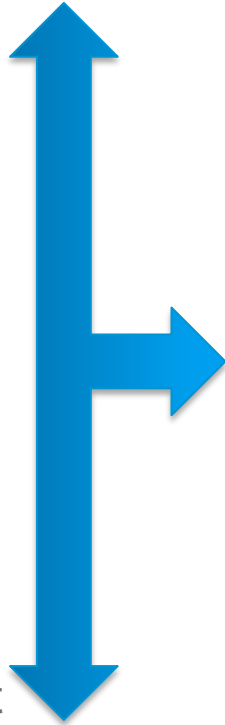


VSLab Projects Workflow



Collaborative Project Completion

-  HPC Project
-  Oracle Project
-  Security Project

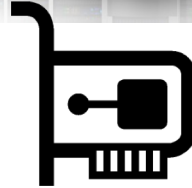


*Pure & Tintri
Flash Arrays*

*Western Digital & Micron
SSD/NVMe*



Dell Servers



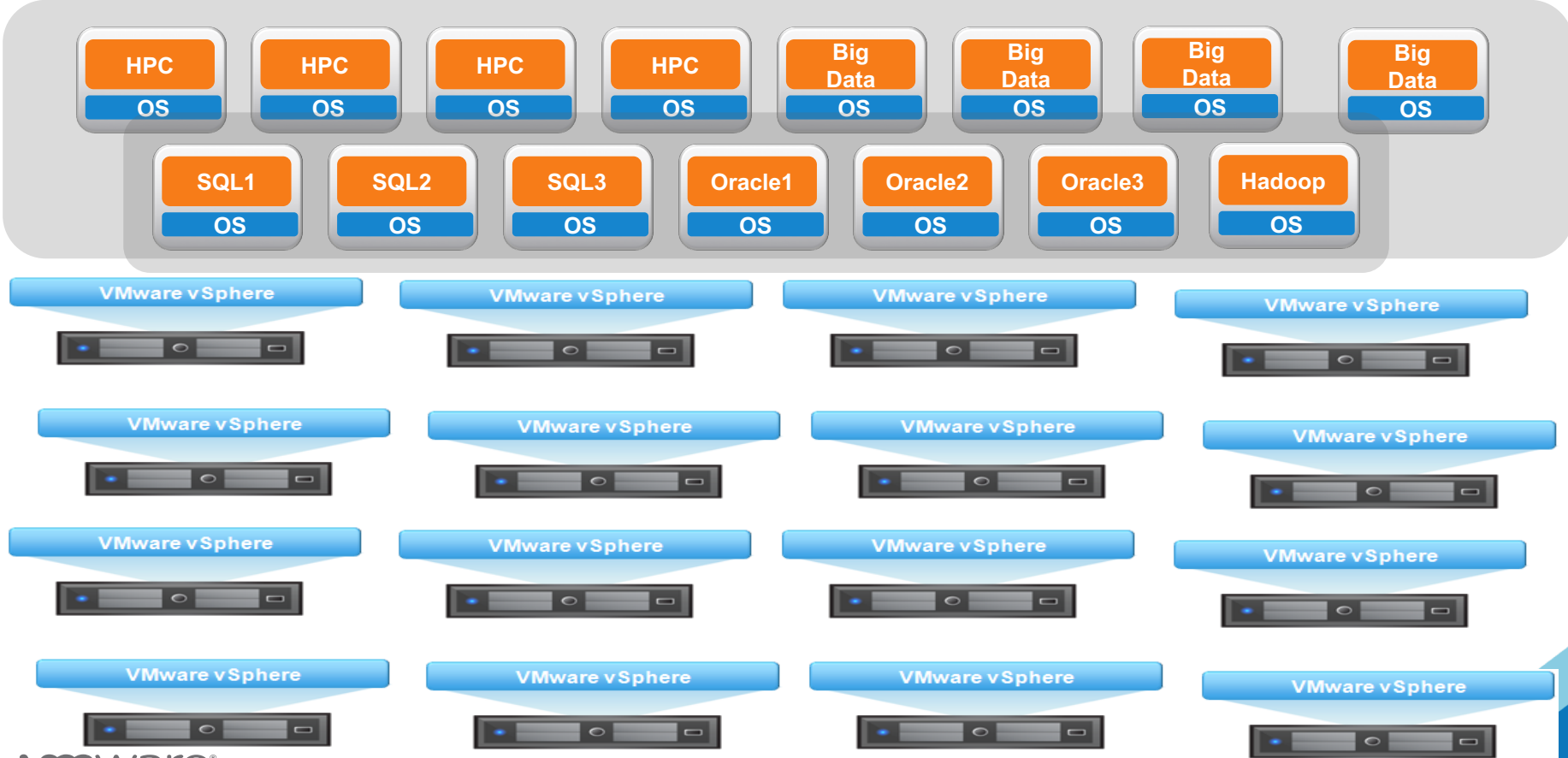
Brocade



*Partner
Projects*



VSLAB Logical Infrastructure



Current VSLAB Partner Ecosystem



Current VSLab Components & Contributors

- VMware Cloud Foundation
- 24 High Performance Servers
- Pure Storage All Flash Array & Flash Blade
- Tintri VMStore
- WD & Micron All Flash vSAN

Current VSLab Components & Contributors

- Brocade 16 GBPS FibreChannel and Ethernet Switches (10 & 40 GBPS)
- Mellanox Infiniband & RocE High Speed Interconnects
- Nvidia GPU cards
- Blue Medora Dashboards
- Extreme Networks - switches with a total of 144 (10/25 GB ports)
- ScreamDB – RDBMS using GPU technology

Completed VSLAB Projects

- **Project #1 - Virtual Hana**
 - <https://www.vmware.com/solutions/business-critical-apps/sap-virtualization.html>
 - <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/solutions/vmw-vsphere-virtual-saphana-application-workload-guidance-design.pdf>
 - https://blogs.vmware.com/apps/2017/06/awg_s4hana_part1.html
- **Project #2 - New Architectures for Apache Spark and Big Data**
 - <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/vmw-architectures-for-apache-spark-and-big-data.pdf>

Ongoing VSLAB Projects

www.vmware.com/vslab

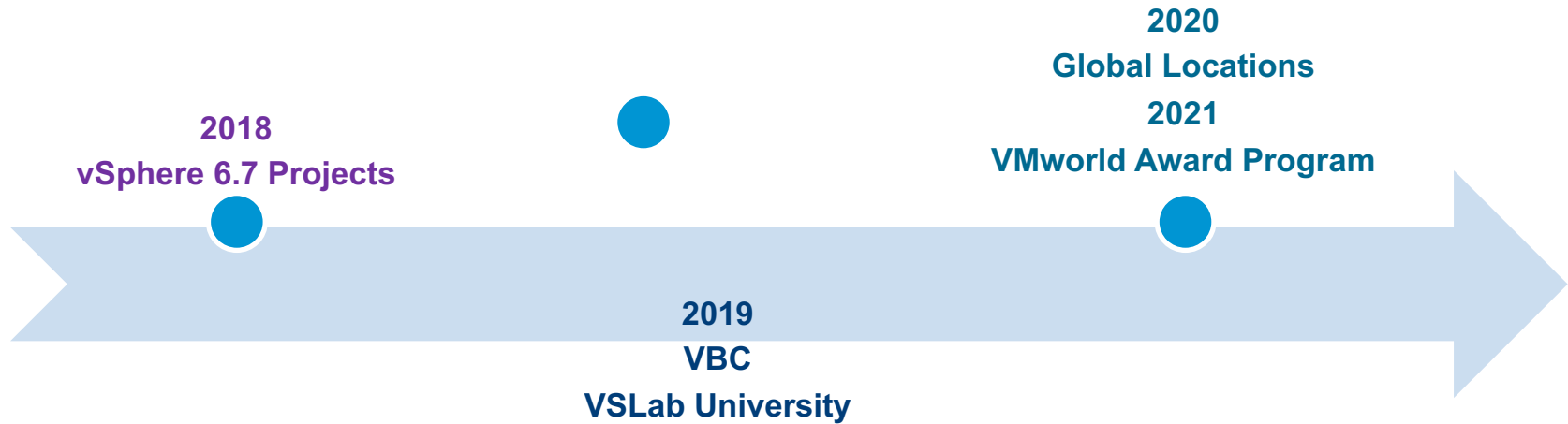
- VMware Experts Program Events 2018 (Big Data & SQL/Oracle - APJ)
 - VMware SAP Alliance Team - SAP - VMware technology functionality (VAS Mitra)
 - VLSS/LicenseFortress (Dean Bolton) - 3 Projects revolving around a License Fortress Theme
 - Berkley Students Machine Learning real world solutions
 - Boeing/Yucca Fred/Vic/Marlin - Oracle security @ Boeing
 - HPC - Mellanox & Nvidia - RaaS Headline (Josh Simons) 4 Use Cases
 - BCA Monitoring - Oleg Ulyanov & Alan Hirt of SQLHA
 - Oracle Full Stack - VMware Internal
- Databricks Big Data Spark on vSphere port (Michael Hoff)
- Micron NVDIMM based vSphere 6.7 solution

VSLAB 5 Year Plan

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- 2018
 - 10-15 projects covering all BCA/New-Workloads subjects
 - WP, Videos, Hybrid Cloud/VMC components
 - Functioning process for all suitors to submit proposals
 - Templatized proposal process with committee acceptance and prioritization
- 2019
 - Customer facing viewing/presentation in VBC/EBC (Varied global locations) – VR
 - VSLAB University Branch (Research and Collateral Development)
- 2020
 - Three Global locations (Americas, APJ & EMEA)
- 2021
 - 25 Accepted and Delivered Projects each year
 - Yearly awards system (VMworld)

VMware Solutions Lab 5 Year Plan



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