

On-Demand Storage Development Infrastructure Orchestration

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Agenda

- Introduction

- Problem Statement
- Need for “On Demand Storage Development Infrastructure Orchestrator”

- Proposed Solution

- Proposed Architecture
- Key Functionalities

- Results discussion

- Dashboards

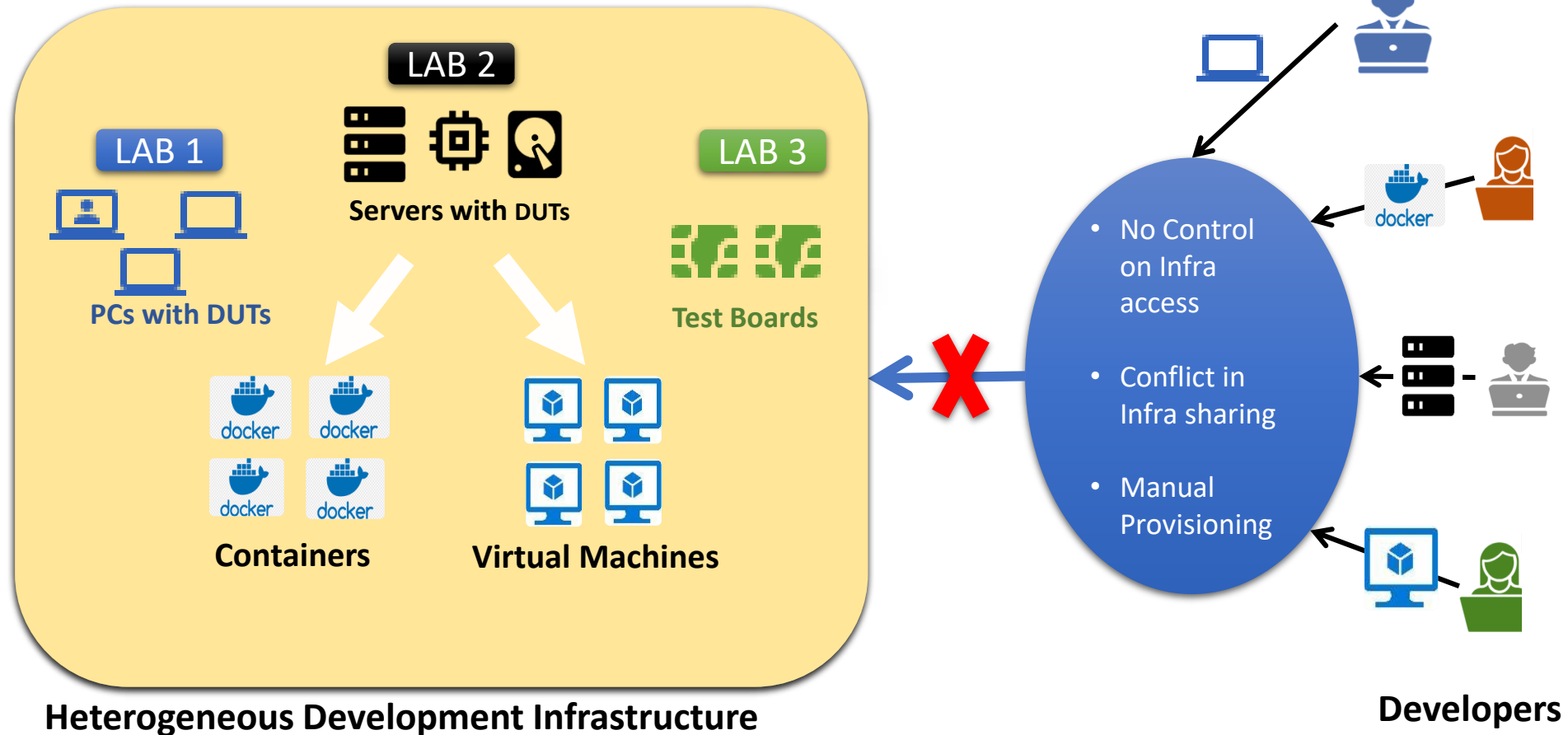
- Conclusion

- Key Benefits

INTRODUCTION

Problem Statement

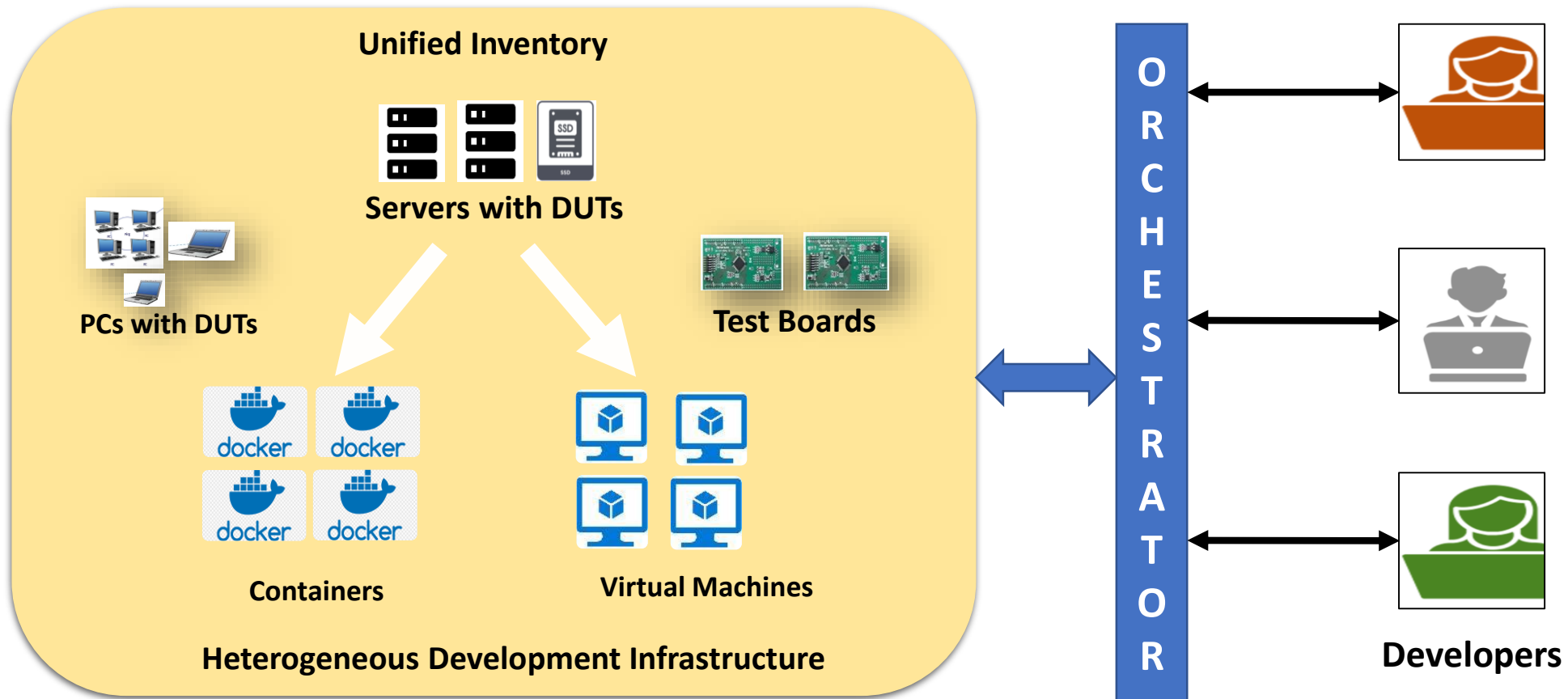
- Manual Infra allocation is cumbersome
- Lab usage optimization is tough to achieve



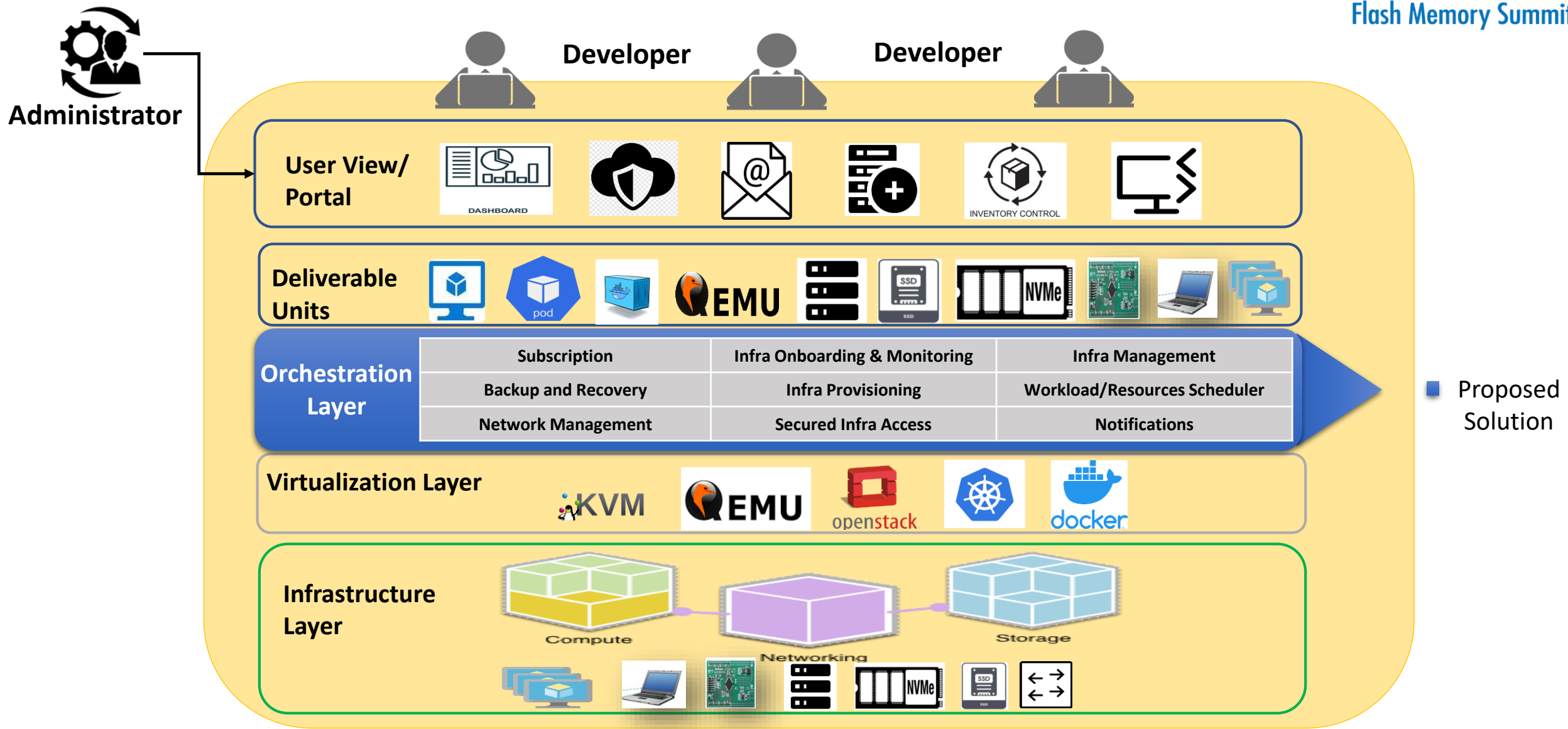
PROPOSED SOLUTION

Proposed Solution

- Scalable and Customizable **Lab As A Service** Solution
- **Orchestrator** to Manage the Unified Inventory
- Fully Automated On Demand Infra Allocation

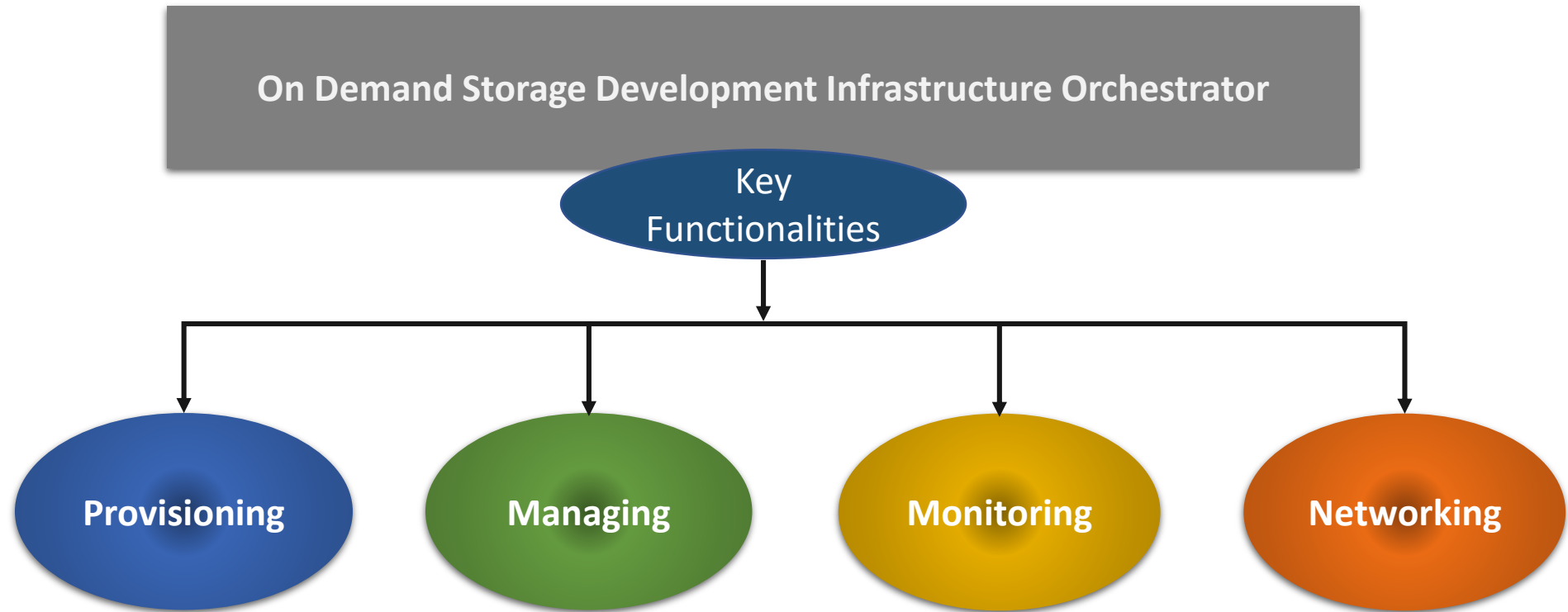


On Demand Storage Development Infrastructure Orchestrator

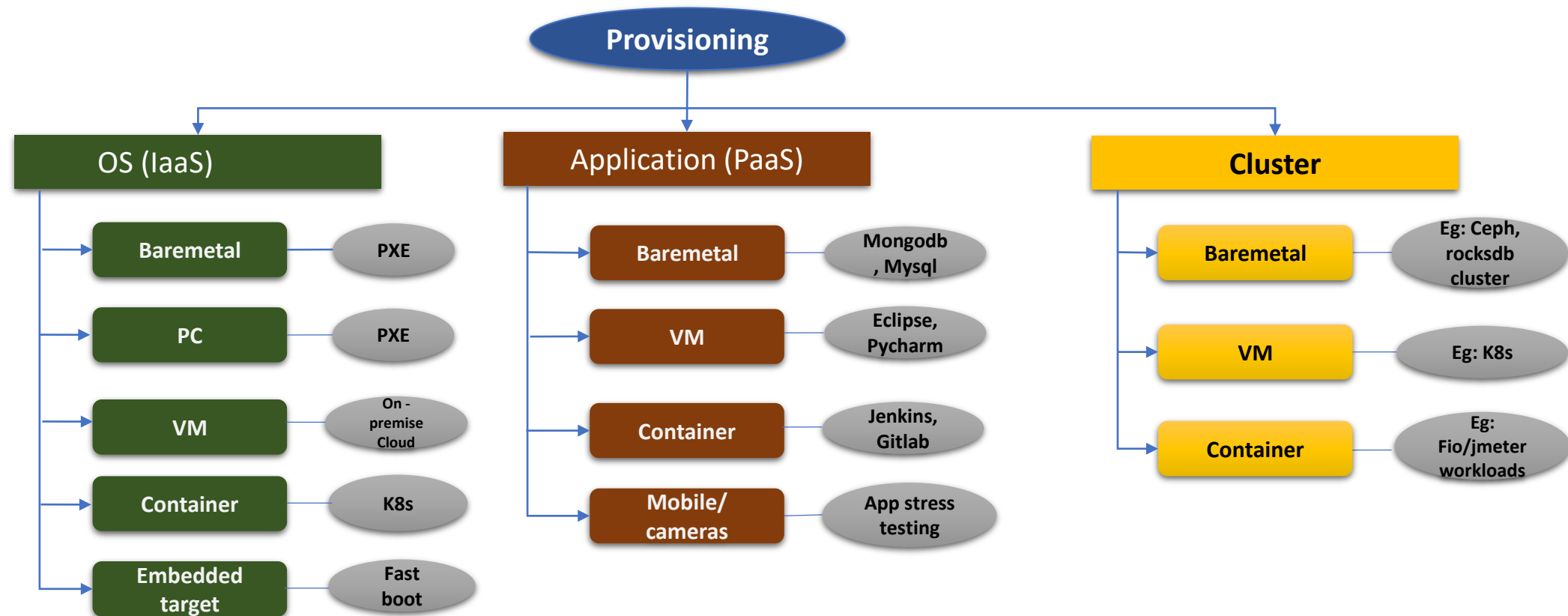
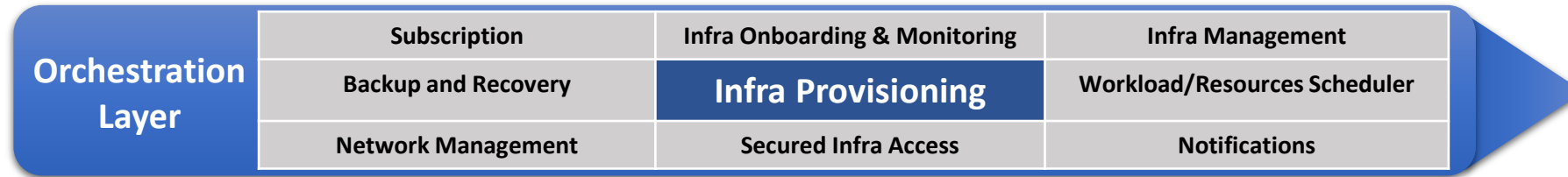


Detailed Architecture of Proposed Solution

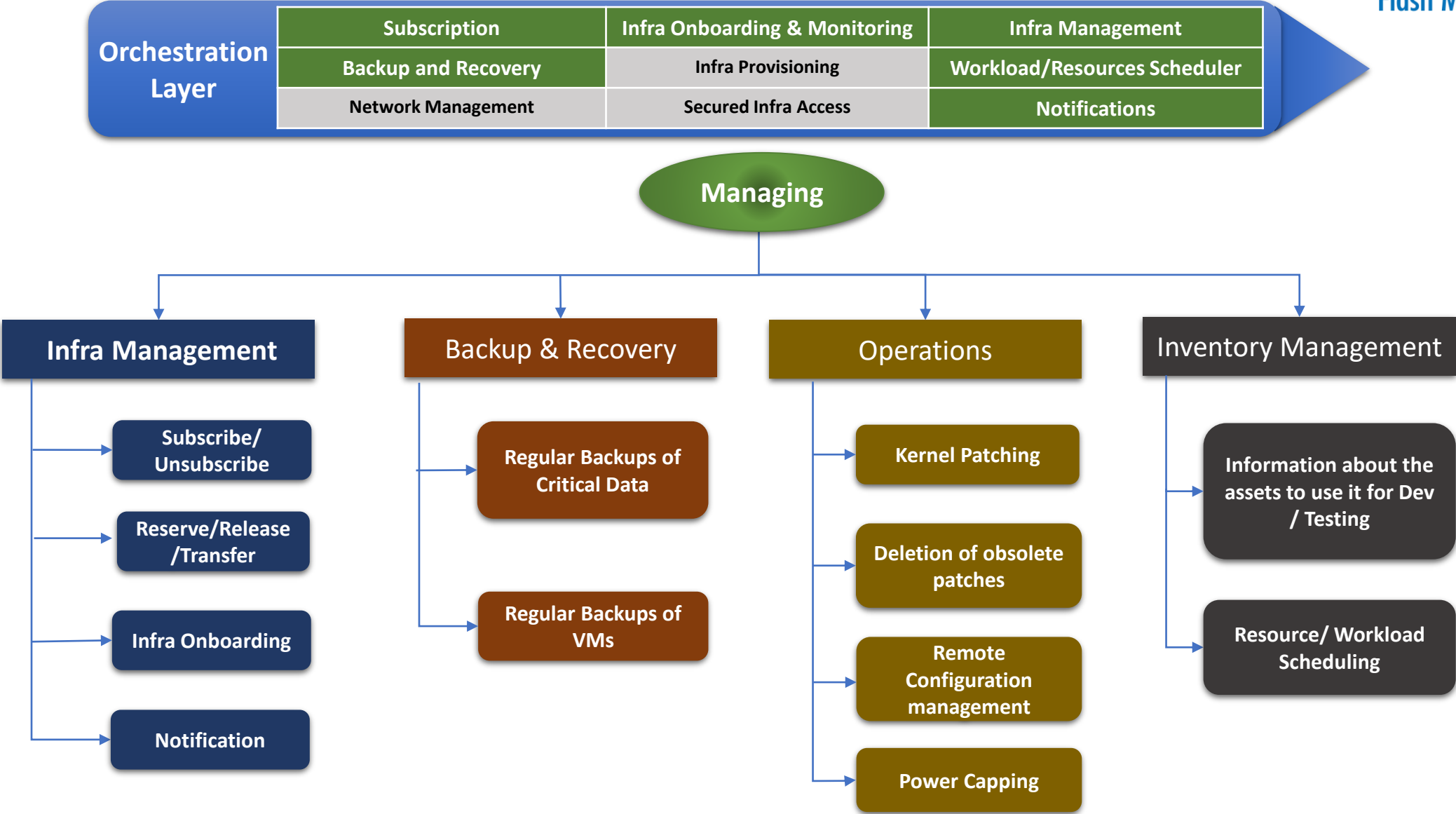
Categorization of Infrastructure Orchestration



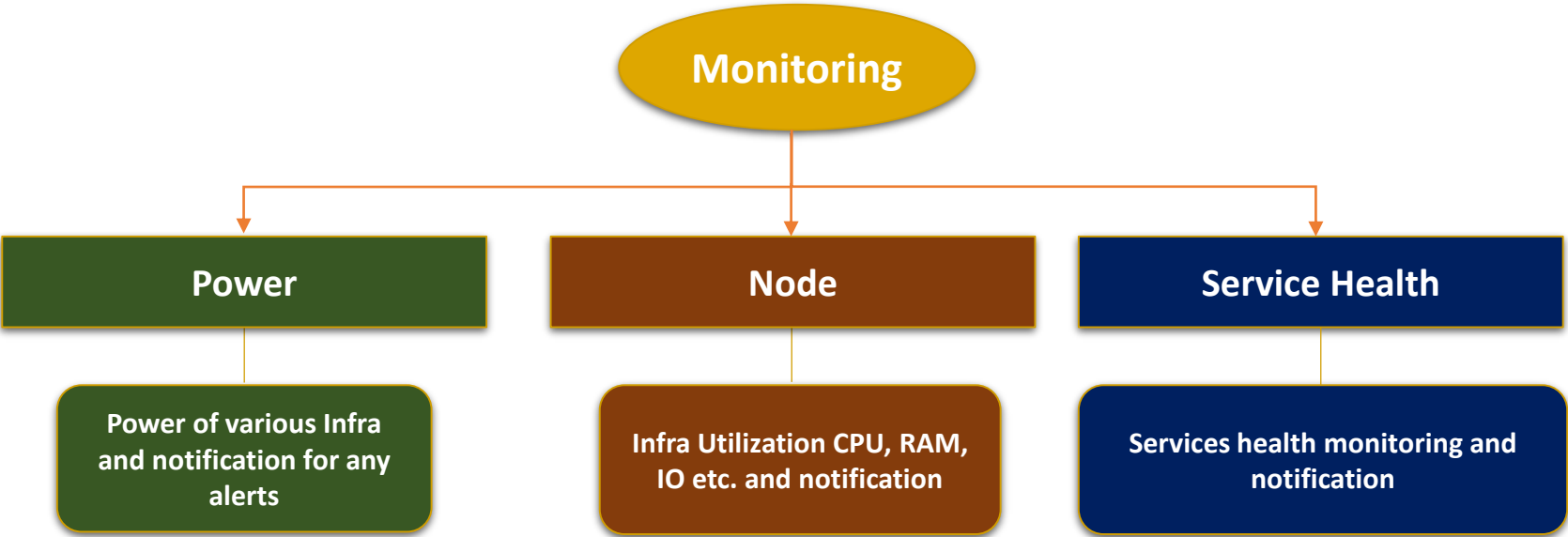
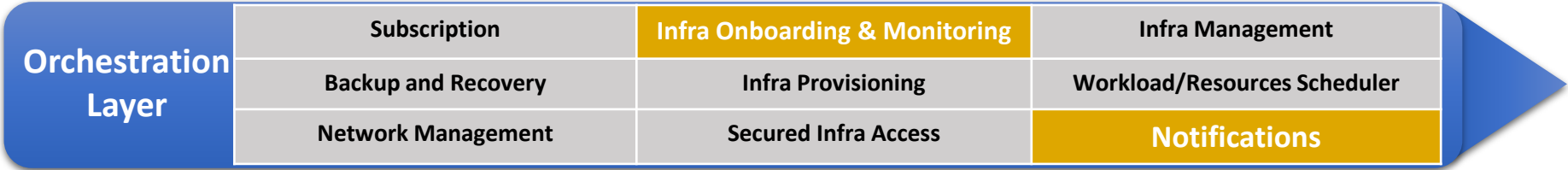
Provisioning

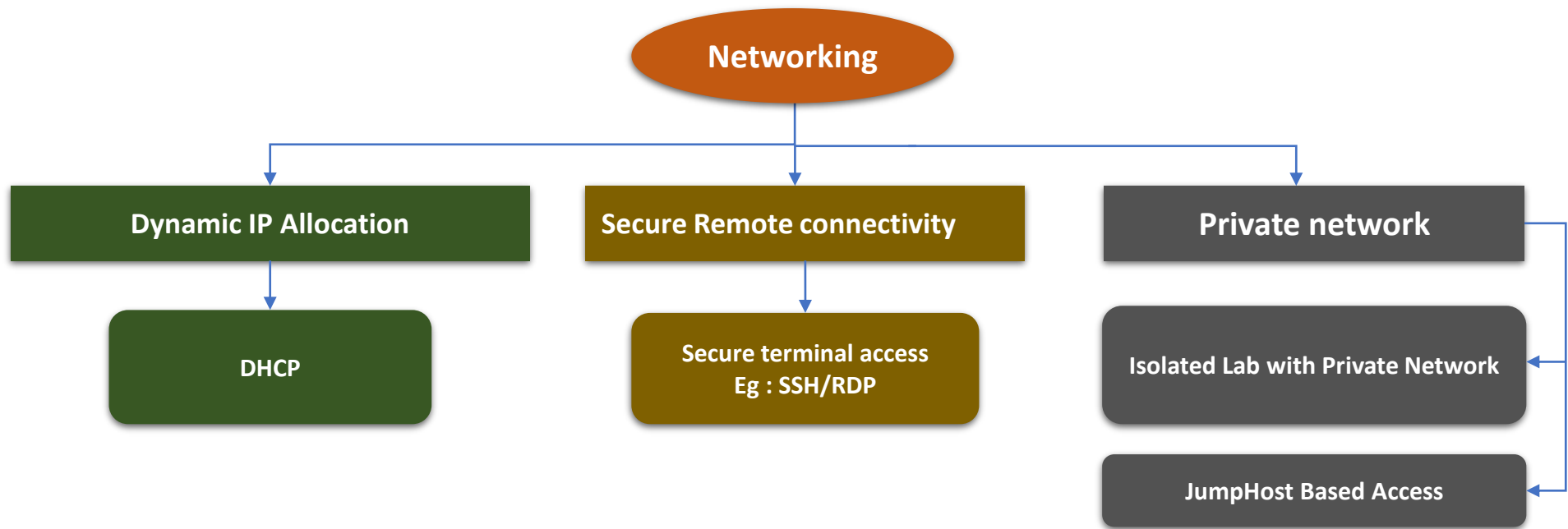


Managing



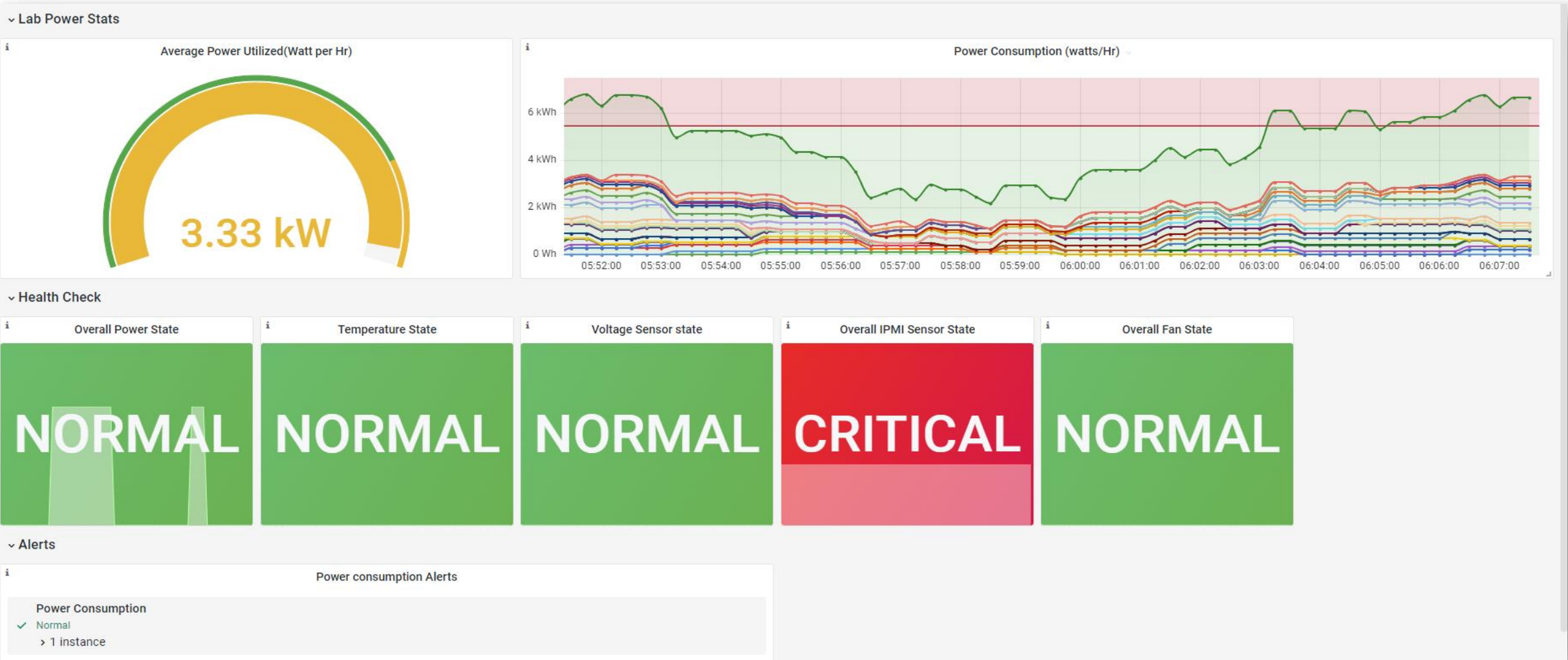
Monitoring



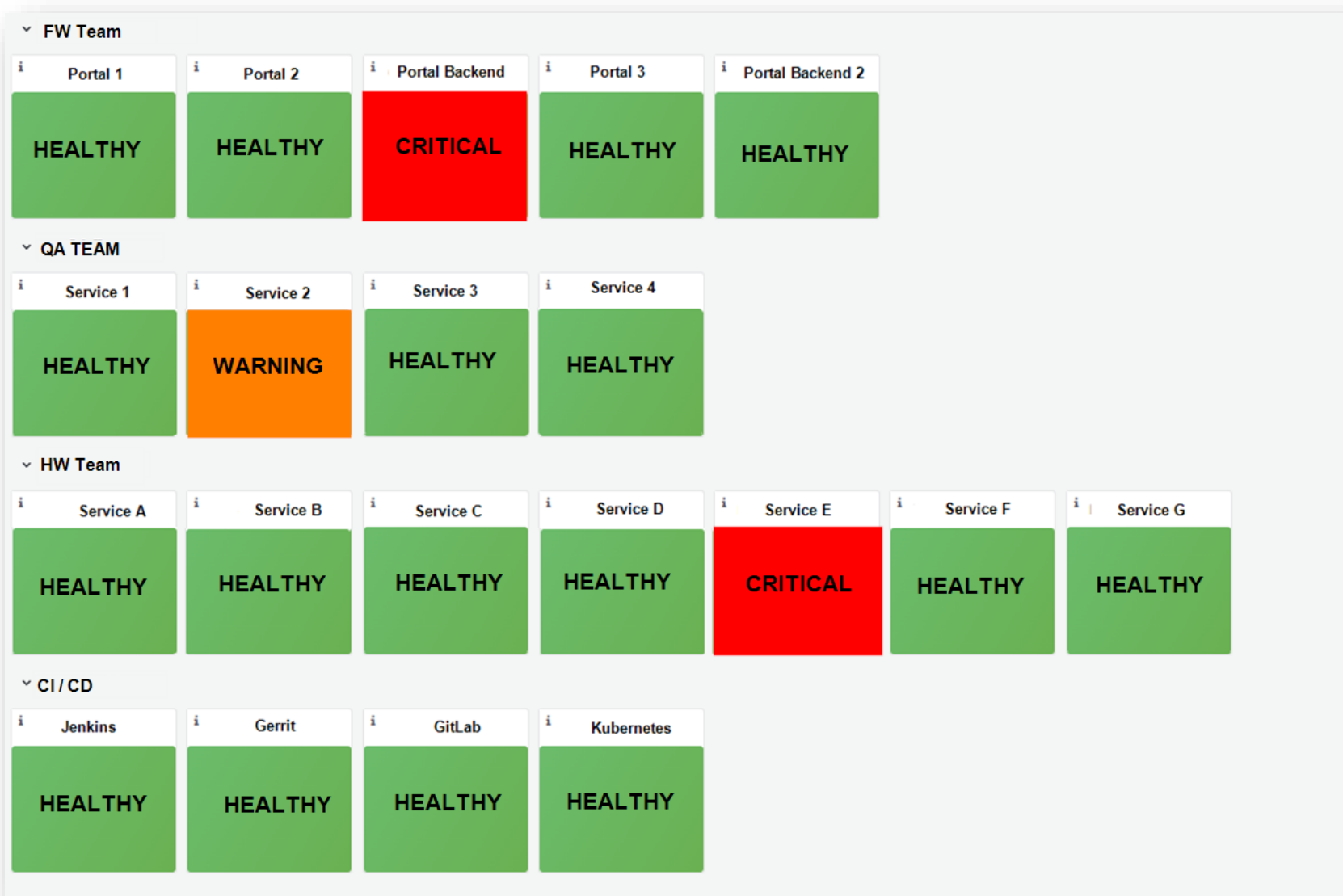


RESULTS

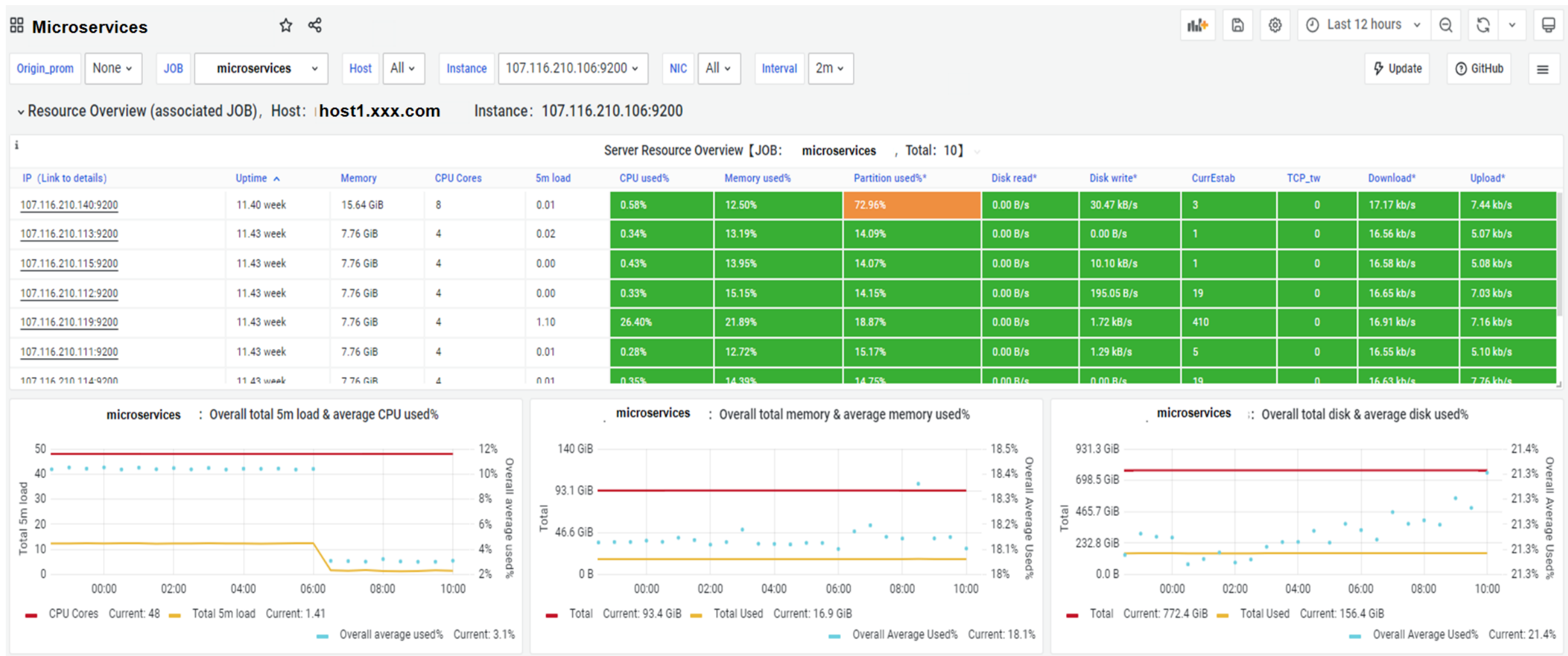
Monitoring – Power



Monitoring – Service Health



Monitoring – Node Resource Utilization



Key Benefits

- A fully Automated Virtual and Physical Infra Reservation system
- Resource and Power Optimization
- Monitoring and Alerting when immediate action is needed
- On Demand Health dashboards for all services
- Controlled and Restricted user access towards Infra
- Easy and Zero Touch OS and Kernel patching for large Data Centers

Q&A

Thank You !!