How to plan for software-defined power infrastructure

In a survey of over 100 IT professionals, Eaton found that 62% have adopted software defined compute infrastructure.

This is a growing trend in our industry and many people may be trying to figure out just how they can move from their current brick-and-mortar infrastructure over to a software-defined infrastructure. Below is a checklist that will help you start this process!

1. Assessment

There is no one size fits all approach when migrating over to a software-defined power infrastructure. Things to consider while assessing the business:

☐ Finding the right software management platform for your business

☐ Understanding power capacity demands

☐ What is total cost of ownership

☐ Migration timing and gap analysis
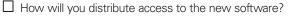
2. Planning

Once you have picked the platform based on the business demands, budget and goals, you can now get into the planning phase. Things to focus on here to ensure planning is efficient and effective:

☐ What current infrastructure needs to be replaced and where (hardware and software)?

- Identify first adopters or a pilot program
- Training and replication
- Timeline and setting expectations

☐ Are there internal processes that need to be changed once the new software is deployed?

☐ Long term management and measurement plan

3. Migration

As long as your properly assess and plan, the migration should be pain-free. To ensure no surprises, you want to consider the following:

☐ How will you distribute access to the new software?

☐ Are new security settings needed?

☐ How do you migrate out old hardware/software onto the new software platform in a way that doesn't disrupt the business?

4. Validation

Once migration is complete, you need to ensure everything is working as expected:

☐ Is the software up and running?

☐ Is it providing you with the expected results?

☐ Are all necessary users trained and able to use the new platform?

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