

VCDX Design Final Submission Thoughts

Overall Formatting Checklist

- Table of contents
- Grammar check
- Spell check
- List of figures / tables
- Consistency
- Appendices
 - Formulae
 - Current state analysis
- Glossary
- Referances

Final submit button thoughts

- Is this my best work? Delay to next submission?
- Has mentor / panelist feedback be answered
- Has it been technically and business reviewed?
- Any material that explains what technology instead of how & why? Why is it there?
- Change Log
 - Show areas of improvement from previous defense feedback
 - Page references and minor changes applied
- All areas supported Justification and use case

Architecture design doc

Conceptual

- Requirements
 - Can you tick them all off as satisfied
 - Are they a business need?
 - Are these actually technical logical decisions in disguise
 - Are they specific, measurable.
- Risks
 - Are they all mitigated?
 - Accepted risks are still risks
- Constraints
 - Are these preventing areas of blueprint being covered? ie - DR out of scope etc
 - Too many hardware constraints preventing choices
- Assumptions
 - No way of proving these? Whats the risk?

Logical

- Decisions Justifications
- Diagrams for each layer of blueprint
 - Data flow
 - Business oriented
- No vendor names

Physical

- All choices mapped to logical and conceptual
- Justifications
- Detailed diagrams
 - MVCNS
 - Vendor
 - Configuration
 - Zones of trust
 - Packet walks
 - North / South
 - East / west
- Sizing and capacity results
- Example BOM

Operations guide

All areas of operations

- Workload Life cycle
 - Creation
 - Scaling
 - Archival
 - Back up
 - Update / patch
- DR events
 - Power Outage
 - Logical corruption
 - Accidental deletion
 - Security event
 - Malicious
 - Attacker
 - Malware
 - DDOS
 - Rogue Admin
- Maintainence
 - Power Test
 - Patching
 - Upgrades
 - Physical expansion
- Link to risk mitigation? vROPS
 - How?
 - SOP?
 - Design?

Implementation guide

- Responsibilities
- Project plan
 - Gantt Chart
 - Task List
 - Estimated time to complete
- Output
 - Documentation
 - Test plans
 - Scripts / ISO build
 - Service to business
- Milestones / Phases
 - Soft launch
 - Production

Validation Guide

- Scope of testing
- Entry Criteria
- Exit Criteria
- Risks
- Personnel required
- Responsibilities
- Test Cases
 - Performance
 - Configuration
 - Business continuity
 - disaster recovery
 - Requirements based

Install / Configuration Guide

- Components install order
- Unique material only
- Links to referances or standard vendor docs
- Settings tables
- Check with physical design and decisions match

Application

- Page numbers match final doc
- Conceptual matches design doc?
- Highlight design experience
- Validation of architect skills
- Professional areas
- Job history

Biography

- Overview of technologies used
- Community / speaking activities
- Teaching areas
- Soft skills