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# VMWARE CERTIFIED DESIGN EXPERT 6 – NETWORK VIRTUALIZATION

Application v1.0

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## How to Use this Application Form

- Complete every blank in this application form, unless specified as optional.
- Limit responses to the space provided such that the entirety of the response is visible when the application is printed.
- It is recommended that Adobe Reader is used to complete and sign the form.
- Candidate must complete and return this form in the format (PDF) in which it was supplied.
- Please do not transform this document to another format, including (but not limited to) Microsoft Word, Rich Text Format, or OpenDocument Format.
- All accompanying documentation must be submitted as PDF files. All diagrams must be submitted in PDF files rather than in their source formats.
- Clearly indicate product versions used in the submitted design.
- Immediately before submission, gather all defense application documentation, including this completed form, into one .zip file. Submit this .zip file. Please do not use .zipx, .tar, .rar, or any other archive or compression format.
- Please read the instructions carefully and provide all requested information and documentation. Failure to do so by the due date and time will disqualify you from proceeding to the Defense phase of the process.

## Selection of Design

- The design you submit must be for a VMware NSX-based based infrastructure...
  - where business **requirements** drive design and implementation decisions
  - suited for **mission-critical** applications
  - in a **managed** environment.
- This application form requests that, for your design, you identify requirements, constraints, and assumptions. If you find it difficult to name five of each, you may also find it difficult to fully display your mastery of design principles using that design. It is also possible that you have not phrased the requirements, constraints, and assumptions specific enough or with enough detail.
- The design you submit must fall into one of these categories:
  - **An actual design**, generated as part of a design-and-implementation project; OR
  - **A partially fictitious design**: one based on work done as part of a design-and-implementation project, but that has been modified to demonstrate your mastery of all design areas outlined in the VCDX-NV Design Defense Blueprint; OR
  - **A wholly fictitious design**.
    - Fictitious designs, as well as fictitious components of otherwise actual designs, will be evaluated as if they were part of an actual design-and-implementation project. Fictitious and actual components of a partially fictitious design will be evaluated according to the same standard.
- If the actual project upon which your application is based did not require certain areas outlined in the VCDX-NV Design Defense Blueprint, candidates are encouraged *either* to select a different design *or* to augment/modify the base design with fictitious components.
- The submitted design must fully demonstrate your knowledge and skills in the areas identified in the VCDX-NV Design Defense Blueprint.
- All documentation must be consistent with the submitted design.
- Demonstrating your mastery may be more difficult with a wholly or partially fictitious design. The responsibility for overcoming this obstacle is solely that of the candidate.
- If your design is based on an actual project, you must have played an architect role in that project.
- The VCDX-NV Design Defense Blueprint is available from your VCDX-NV.

## Policy Regarding Teamwork

Candidates may submit designs based on projects in which other architects were involved. In fact, there is no rule against multiple candidates submitting designs based on the same project. However, in their application materials, candidates must clearly distinguish between their own work and that of others. Even the appearance of claiming others' work as one's own disqualifies an application; application fees will not be refunded.

With actual, fictitious, or partially fictitious designs, it is often the case that candidates worked within a team to deliver the final design. The Project References section below provides the opportunity to recognize teammates' contributions, and in doing so, accurately attest to the portions of the project that was truly your contribution. Please complete as much of the Project References section as possible, keeping this in mind.

The application materials and the candidate's defense must establish his or her mastery of all parts of the VCDX Blueprint. Demonstrating full mastery may be more difficult with a project in which other architects were involved. The responsibility for overcoming this obstacle is solely that of the candidate.

During the VCDX defense session, candidates must expect to be called upon to explain and justify all aspects of the design, including those created or implemented by others.

## Confidentiality

All information and content submitted as part of the VCDX Application will be treated as confidential. This information will be used solely for the purpose of evaluating a candidate's qualification for the VMware Certified Design Expert certification. Information will be stored and managed as confidential information accessible only to VCDX Panelists and VMware Education Services administrators.

It is your responsibility to submit information that does not breach confidentiality and/or your obligation to your employer or other third-party.

# VCDX6-NV Application Form

## SECTION 1 – Candidate Information

### 1.1 Candidate Identification

Candidate Name:	
Company/Organization Name:	Title:
Business Email:	Alternate Email:

### 1.2 Prerequisite Technical Certifications

VCP:	Have you applied for a VCDX certification previously? <input type="checkbox"/> No <input type="checkbox"/> Yes  If yes, please indicate dates:
CCIE (if attained):	
VCAP6-NV Deploy:	
Other VMware Technical Certifications:	

### 1.3 Candidate Address

Business  Home

Street:		
City:	State/Province:	Zip/Postal:
Country:	Phone (Include Country Code):	

**SECTION 2 – Employment Experience**

**2.1 Current Position**

<b>Company/Organization (Employer):</b>	<b>Title:</b>
<b>From:</b>	<b>To:</b>
<b>Relevant Experience:</b>	

**2.2 Previous Employment Experience**

<b>Company/Organization:</b>	<b>Title:</b>
<b>From:</b>	<b>To:</b>
<b>Relevant Experience:</b>	
<b>Company/Organization:</b>	<b>Title:</b>
<b>From:</b>	<b>To:</b>
<b>Relevant Experience:</b>	
<b>Company/Organization:</b>	<b>Title:</b>
<b>From:</b>	<b>To:</b>
<b>Relevant Experience:</b>	

**SECTION 3 - Candidate Biography**

*Please discuss your background and experience that qualifies you for consideration as a VMware Certified Design Expert. Identify work that has been completed, previous positions that required IT design, and specific experience or skills that document your standing as a highly qualified virtualization architect.*



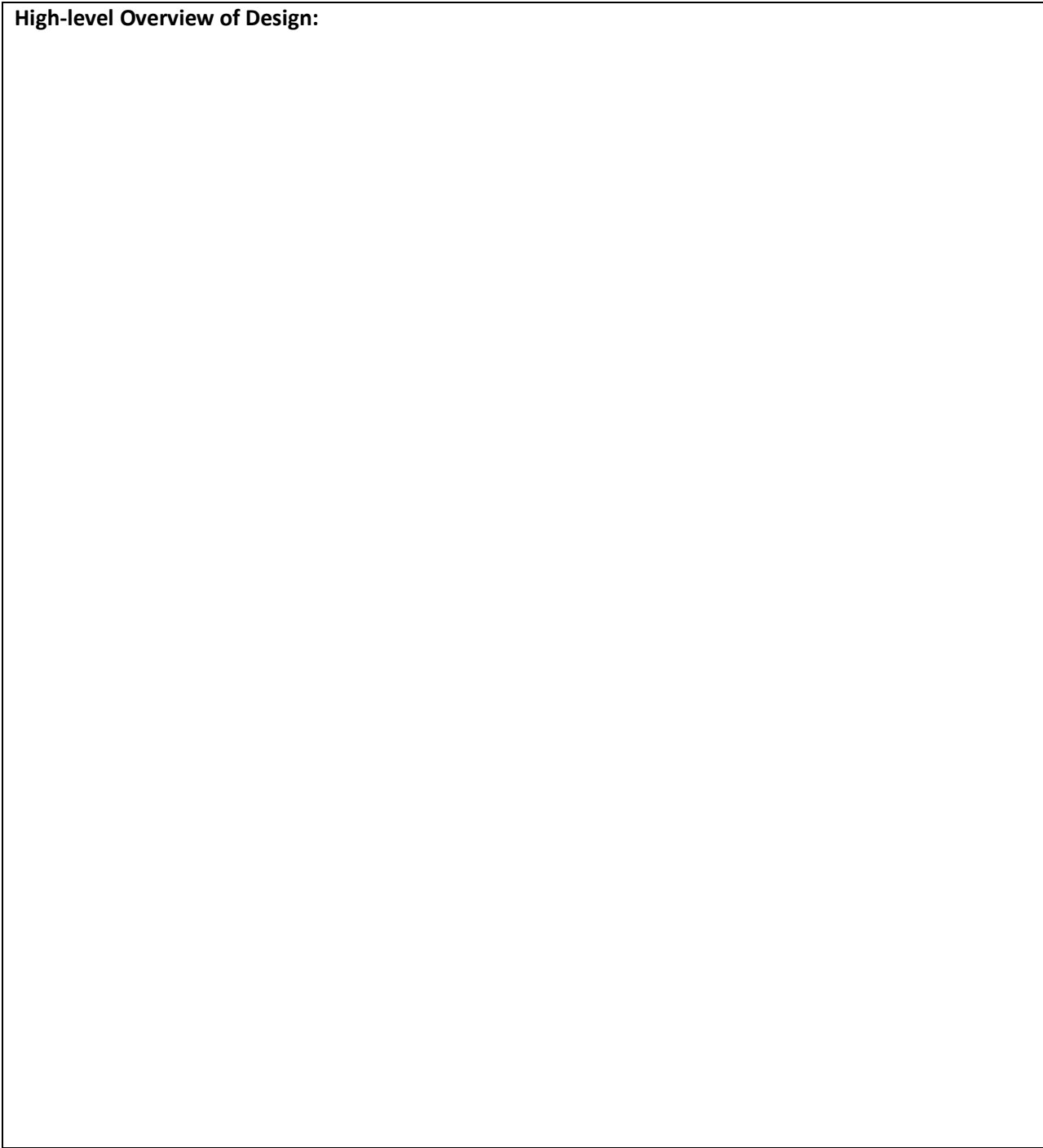
## SECTION 4 – Design Development Activities

### 4.1 Design Overview

*Please provide information about the design customer, a concise project description (“executive summary”), and a high-level overview of the design. If there were special considerations made in the design that you wish your reviewers to take note of, please describe them here or make reference to the section in this application that provides details.*

<b>Design Title or Project Name:</b>
<b>Client Name (Company/Organization):</b> <i>(Write “Fictitious” if the design was <b>entirely</b> fictitious; if partially fictitious, identify the client for the actual project on which yours was based.)</i>
<b>Concise Project Description:</b>

**High-level Overview of Design:**



**4.2 List of requirements for the design**

*Concisely summarize at least 5 requirements specified by the customer for this design. (Unlike constraints, requirements typically focus on the customer’s desired end-state.)*

<b>Requirement 1:</b>
<b>Requirement 2:</b>
<b>Requirement 3:</b>
<b>Requirement 4:</b>
<b>Requirement 5:</b>
<b>For additional requirements, please refer to document and page(s): (optional)</b>

**4.3 List of constraints for the design**

*Concisely describe at least 5 constraints that had to be followed within this design. (Unlike requirements, constraints are typically concerned with the means by which the project aims are achieved; they originate from prior customer decisions, politics, or available technologies.)*

<b>Constraint 1:</b>
<b>Constraint 2:</b>
<b>Constraint 3:</b>
<b>Constraint 4:</b>
<b>Constraint 5:</b>
<b>For additional constraints, please refer to document and page(s): (optional)</b>

**4.4 List of assumptions for the design**

*Concisely describe at least 5 assumptions that had to be made for this design. (Assumptions are typically made due to lack of information or due to client decisions not yet finalized.)*

<b>Assumption 1:</b>
<b>Assumption 2:</b>
<b>Assumption 3:</b>
<b>Assumption 4:</b>
<b>Assumption 5:</b>
<b>For additional requirements, please refer to document and page(s): (optional)</b>

**4.5 Design Deliverable Documentation**

*All documentation submitted in support of the design should be delivered to VMware in PDF format. For each component, please identify the name of the corresponding PDF file and the page number(s) where the component may be found.*

Required Documentation	Document File Name(s) and Page Number(s)
<p><b>A. Architecture design</b> Including but not limited to: logical design, physical design, diagrams, requirements, constraints, assumptions, and risks</p>	
<p><b>B. Implementation plan</b> Including but not limited to: roles, responsibilities, timelines, etc., specific to your overall design</p>	
<p><b>C. Installation guide</b> Including but not limited to: instructions, steps, etc., specific to your overall design (not solely limited to vSphere components)</p>	
<p><b>D. Standard operating procedures</b> Specific to your overall design</p>	
<p><b>D. Testing plan</b> Specific to your overall design</p>	

**4.6 Index to Highlights**

*For each area below, please provide references to the locations of relevant detail in your documents. The purpose of this section is to enable reviewers of your design to find needed information in your submission quickly.*

Design Component Category	Document File Name(s) and Page Number(s)
<b>I. NSX Infrastructure Components</b>	
<b>II. Virtual Networking</b>	
<b>III. Physical Networking</b>	
<b>IV. NSX Security</b>	
<b>V. NSX Consumption Layer</b>	

**SECTION 5 – Project References**

**Who provided inputs to the design?**

*Was this project a team project with other members developing sections of the design? Please list the contributors below starting with you. See “Policy Regarding Teamwork” above.*

<b>Name:</b> (Candidate)	<b>Email:</b> (Same as Above)	<b>Phone:</b> (Same as Above)
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	



**Who provided inputs to the requirements?**

*If other persons performed requirements discovery, capacity analysis, virtualization assessment services, or health checks related to this project, name them here. See "Policy Regarding Teamwork" above.*

<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Title/Role:</b>	<b>Contribution Notes:</b>	