**Certified Application Developer**

(CAD)

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| Author | Chetna.Pandey | Chetna Pandey |
| Reviewer |  |  |

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# Objective:

The objective of this document is to provide help in preparing for Certified Application Developer.

# Description:

This certification gives you the knowledge and confidence to take full advantage of the Service Now Platform. Also this exam is important for Service Now Capability point of view, it adds value and Capability can represent that these many resources are certified which gives a positive impression in front of our clients.

# Prerequisites:

Till now there are no model questions has come up to qualify this exam, so there are below points which needs to be considered.

* Should have experience of Service Now Platform.
* Should have hands-on experience on ad-mistering and implementation.

# Steps to Prepare:

Please find below link for the preparation of Application Developer Certification.

1. https://developer.servicenow.com/app.do#!/training/landing?v=helsinki

2. <http://wiki.servicenow.com/images/d/da/Blueprint_CADMay2015.pdf>

First link is the exercise which you can complete and it will give idea of creating application and it will cover other topics as well.

Second link is the most important, every topic which has been listed in the link, should be picked and search in wiki and read everything related to these topics.

# Important Topics

1. Understanding of creating an app in Service Now
2. Understanding of creating a scoped app in Service Now
3. Understanding of Team Development

# 6 Sample Questions:

1. Event property calling syntax?
2. Rest role(rest\_service) web\_service\_admin
3. Data load from excel sheet goes in to which table(import set table)
4. Which JavaScript object can be used in schedule job(Glide record, Glide system)
5. What other thing can be done in Business rule without scripting(setValue, abort action, add mesg)
6. Application Access(5-6 question)-----Read them Properly
7. Team Development(4-5 Question)---- Read them Properly
8. Adding demo data in Application Module(using application files)
9. What all are the OOB functions in Rest outbound Message. Tick the odd one. – put, post get ,delete
10. 1-2 basic question on form design and form layout.
11. What is the shortest way of creating Record Producer from table.(Right clickàConfigureàTableàLink to Add to Service Catalog
12. What are the different section in notification form(when to send, who will receive, what it will contain)
13. Which one is not a debugging function?(gs.log(), gs.debug(), gs.print()) - debug
14. UI policy - Which executes first UI Policy Action or Script?onload client script then ui pol
15. While creating application read and mandatory is checked-- what cannot be done if read is not checked--- create update delete not possible
16. Rest API—Role specific questions
17. Script include-- what all can be done-- class creation--prototype creation and all
18. Notifications—Scenario was given and asked will it go to event creator??
19. Import set-- what all things possible?
20. What is web service – Options were given (Need to select best possible answer)
21. Record producer (many ques)
22. What all does the record producer script do?
23. Catalog client script?
24. Business Rule- (many questions)
25. Table creation
26. Application scope
27. Form designer--if we remove field from form, will it get deleted?
28. If add field on form, will it appear on list?
29. Protection policy of script include
30. Email notification
31. Desktop applications
32. Questions from table extension-- what all can be brought during table extension
33. Application access and access control are interchangeable?
34. Record producer how to access the record producer field?
35. Display business rule does not have which object?
36. Script action does not have which object? – event and current are available
37. Client script logic works on both list and form? no
38. From which given option we can call a workflow?
39. What is catalog client script?
40. What is workflow context?
41. What is a valid statement when a workflow is being published?
42. Best practice to update the application property?
43. A Sync business rule is being created from outside the scope application from business rule created? Which database operation is not accessible from business rule?
44. While creating the table if we checked the allow configuration then which statement is true?
45. From list of records what type of report can be generated?
46. Can inherited fields be deleted?
47. When we need to create a new table in Service Now? Option were given
48. Client side script has access to use which API?
49. If in ACL in the script field is empty, then does it return false?
50. While debugging the ACL in which trend the ACL evaluates? – role/cond/scr
51. From JavaScript debugger what kind of scripts can be debug?
52. Uses of REST API
53. Service now app store?

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Question added by Sanoop

Date 1/3/2017

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1. What does the endpoint of REST URL signify? - Metadata
2. What is the syntax for passing parameters using web services? - ${variable\_name}
3. What is the syntax of accessing even parameters in notifications? – event.<parameter>
4. How can you allow a BR from another scope to be written on different scoped application table? - Checking allow configuration
5. Which of the following can be used to manage fields on forms? – Sections
6. Which of these objects is not available in script actions? – previous
7. What kind of module is the properties page? – URL(from arguments)
8. What is the use of Document feed?
9. Which of these operations are not allowed in Script include? – define a table
10. Does client script written on form also run for list view – True/false
11. When you delete a field from table which of the following is true?
12. Difference between personalize list and configure list layout
13. g\_user can be used along with which of these scripts? {select only client side scripts} (client script/ui policy/client side ui action)
14. what is a workflow context?
15. What is javascript used for in servicenow? {select correct options}
16. Which of the following is true for reports?
17. Script actions can only be called from events? True
18. Which of these signify something has happened in ServiceNow? – event
19. Which of these cannot be used for logging in scoped application? - gs.log()
20. What is application picker used for? – setting scope
21. How many application menus can a developer create? -1 and all modules under them
22. Which of these will not happen if acl created without any condition? – restrict a specific record
23. What is the use of REST API explorer?
24. When importing external data, data is loaded into which table? – importset
25. When does a Record producer script run? – record inserted
26. Why is application properties page added? – To allow changes without touching configuration files
27. There is no difference between table.none and table.\*?- true/false

Table.\* is a field level ACL which gives Access to all field on that table.

Table.none is a row level ACL allows you to access records.

1. table.none read access has been given to role A & B. table.\* read access is given to role A and table.number read access is given to B. What is true for role B? – B can only see number field.
2. When accessing servicenow from mobile what can be done? {options were given regarding what can be edited on homepage}
3. What is GIT repository used for?

Questions added by Gurpreet kaur

Date: 18/03/2017

1. What are objects of display BR?
2. Document feed is accessible to a user through? Record (users who can access the incident are part of the Group by default)
3. ACL based –

I. one read acl is on table.none for admin n itil

II. one read acl is table.field3 for admin

which field itil user will not be able to see? Field 3

1. ACL Execution precedence-roles/condition/script
2. which one is used to display a field message - gs.addInfoMessage()
3. how to get logged in user: gs.getUserID()
4. REST methods: get/put/post/delete
5. Which is not a type of report? -chart
6. Use of application picker – to set scope
7. Types of scopes available for an application? This application scope/All applications
8. Difference between personalize list menu and configure list layout
9. What method cannot be used for logging in scoped application? gs.log
10. Is team development same as GIT? False
11. Use of GIT? Used for version control
12. When you use ServiceNow store to share applications? To share with everyone
13. Questions on Push & Pull in team development.
14. How many modules/applications you can create under one application menu? 1 application menu and as many modules under it