

WorkFlow I am running: Chef-Client (when working)

General tab

Attributes				
Name	Type	Value		Description
errorCode	string			
ipProperties	string			

Inputs:

Parameters			
#	Name	Type	Description
1	payload	Properties	

There NO output parameters.. (goes to an attribute)

Schema:



The first workflow element has the following..

Info IN OUT Exception Visual Binding			
Local Parameter	Source parameter	Type	Description
payload	payload [in-parameter]	Properties	

Info IN OUT Exception Visual Binding			
Local Parameter	Source parameter	Type	Description
ipProperties	ipProperties [attribute]	string	

Which when I go back to the Payload workflow, the scriptable task has this Scripting

```
var machine=payload.get("machine");
var vmProperties = machine.get("properties");

System.log(vmProperties.get("VirtualMachine.Network0.Address"));
ipProperties=vmProperties.get("VirtualMachine.Network0.Address")
```

I then move to the "Got IP" scriptable task and it has the following Input

Info IN OUT Exception Visual Binding Scripting			
Local Parameter	Source parameter	Type	Description
ipProperties	ipProperties [attribute]	string	

Out – has nothing

Scripting is this

```
Info IN OUT Exception Visual Binding Scripting
In (string) ipProperties
if (ipProperties==null)
  throw "IP cannot be null!"
```

It then completes fine..

NOW WHEN NOT WORKING – ALL of the above is the same except a few extra parameters



Added Webproxy input.. (I don't use – should prob just remove)

General Inputs Outputs Schema Presentation Parameters References Workflow Tokens Events Permissions

Parameters

#	Name	Type	Description
➔	payload	Properties	
➔	webProxy	string	(Optional) Web proxy URL to reach internet

Added an Output Parameter...

General Inputs Outputs Schema Presentation Parameters References Workflow Tokens Events Permissions

Parameters

#	Name	Type	Description
➔	installOutput	string	

Schema Settings...

IN – New hostNameOrIP parameter which I link to the ipProperties attribute (to my logic should get the IP that's come from the payload to that attribute.. ?) this is the part I must be getting wrong..

Info IN OUT Exception Visual Binding

Local Parameter	Source parameter	Type	Description
webProxy	webProxy [in-parameter]	string	(Optional) Web proxy URL to reach internet
hostNameOrIP	ipProperties [attribute]	string	

OUT has

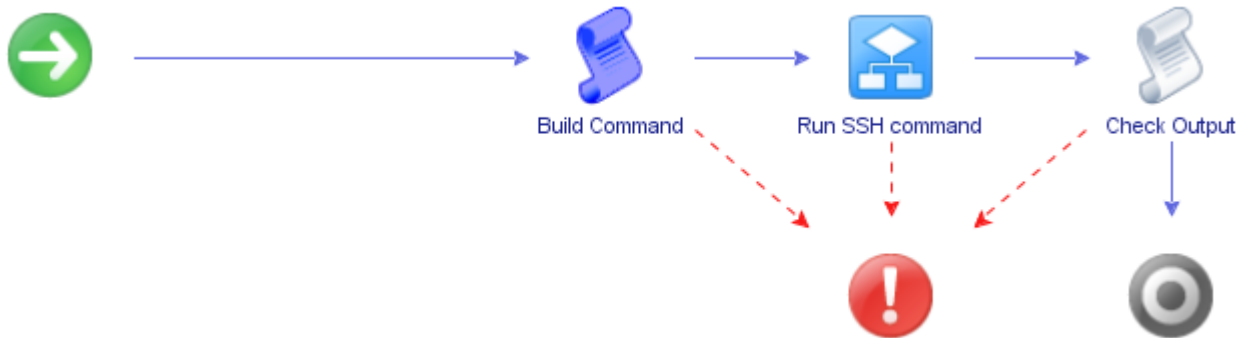
Local Parameter	Source parameter	Type	Description
installOutput	installOutput [out-parameter]	string	

NOW for the Chef-Client installer itself...

Attributes: (had to cover internal servername)

Name	Type	Value	Description
cmd	string	curl -s -S -L https://[redacted].n3.ir	The SSH command to run
result	number		0 = OK, Negative = Error, Positive = Number
errorText	string		Error text, if any
outputText	string		Result of running the SSH command
errorCode	string		
username	string	Linux default user : linux-user	Linux default user : linux-user
path	Path	Linux default user : privatekey	Linux default user : privatekey
passwordAuthentication	boolean	No	Sets authentication to password or key file

This has its own schema..



The build command scripting is

```

Info IN OUT Exception Visual Binding Scripting
IN (string) cmd , (string) webProxy
OUT (string) cmd
if (webProxy != null && webProxy.length > 0){
    cmd = "export https_proxy="+webProxy+";"+cmd;
}
    
```

Other than that we hit the standard SSH workflow