

User instruction manual
Ansible-driver
Attachment Ansible usage
guidelines
ITA additon rules

-Version 1.3-

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※「Exastro IT Automation」is written as 「ITA」in this document.

Ansible usage guidelines (ITA additional rules)

	Anishire disage guidelines (TTA additional rules) Applicable Mode The affected								
N	. Item		Role		Examples that can be imported to ITA	Examples that cannot be imported to ITA	The affected function if the rule is not followed	Effect	Error display example
	When using variables, the variable inside the playbook are as follows. User defined User defined	0	0	0	- name: check file content command: cat /mp/{{ VAR_SAMPLE }}}	*There is no "half-width space" between "((" or "))" and variable name command: cat /mg/(IVAE, SAMPLE) command: cat /mg/(IVAE, SAMPLE)) *There are more than 1 "half-width space" between "((" or "))" and variable name command: cat /mg/(IV, VAE, SAMPLE)) *The prefix(VAE,) is in lower case command: cat /mg/(IV, SAMPLE)) *There is no "." in the prefix(VAE,) command: cat /mg/(IV, SAMPLE)) *There are more than 256 characters in the variable name	substitution value list	- During registration Variable names will not display as candidates even though Movement is selected. The "undefined variable" error occurs during operation execution - During update(Update a playbook whose description does not follow ITA addition rules after registered in substitution value list) "Do conversion falled(n)" (Sin is the management number given during registration) is displayed for the variable name The "undefined variable" error occurs during operation execution	The No. Secretion Accessed No. 1 Secretion Secret
	When registering template file in the template list menu of ITAWebUL use TPF_ for the prefix of template embedded variable name and the variable name should be within 256Bytes including TPF	0	×	×	Template embedded verlable name	TPE_SAMPLE	Template list	Since validation check is performed in the registration screen, the template embedded variable name which doesn't follow the ITA additional rule will not be registered.	exastro-it-automation says Validation errors occurred.
	The variable inside the playbook are as follows when assigning uploaded template files in playbook. It has the description rule of user-defined range follows Ansible rule. It has vaidth User defined TPF Within 2568ye Half-width	0	×	×	- name: allocate file template: src=({ TPF_SAMPLE }) dest=/tmp/SAMPLE.txt	**There is no "half-width space" between '\[\(\frac{1}{2} \) and variable name template: src-\[\frac{1}{2} \] AMPLE]\] does-hmp3AMPLE at template: src-\[\frac{1}{2} \] AMPLE]\] does-hmp3AMPLE at template: src-\[\frac{1}{2} \] AMPLE]\] does-hmp3AMPLE at 'There are more than 1 half-with space' between \[\frac{1}{2} \] conjugate a size of the same template: src-\[\frac{1}{2} \] FSAMPLE]\] does-hmp3AMPLE at 'The predict(FF_)\[\frac{1}{2} \] is in lower case. **In predict (FF_)\[\frac{1}{2} \] is in lower case. **In predict (FF_)\[\frac{1}{2} \] does-hmp3AMPLE at 'There is no \(\frac{1}{2} \) in the predict(FF_)\[\frac{1}{2} \] does-hmp3AMPLE at 'There is no \(\frac{1}{2} \) in the predict(FF_)\[\frac{1}{2} \] does-hmp3AMPLE at 'There is no \(\frac{1}{2} \) in the predict(FF_)\[\frac{1}{2} \] in the 'mp3AMPLE at 'There are more than 256 hariacters in the 'variable name.	Template list	The substitution of the registered template file is not performed	Table (been been) The control of th
	When registering global variables in the Global variable list menu of ITAWebUL use GBL_ for the prefix of global variable name and the variable name should be within 1285ytes including GBL	0	0	0	Global veriable meme Specific value G GBi_sample sample.txt	GBL_SAMPLE	Global variable list	Since validation check is performed in the registration screen, the global variable name which doesn't follow the ff'A additional rule will not be registered	exastro-it-automation says Validation errors occurred.
	The variable inside the playbook are as follows when using global variables. If the description rule of user defined range follows Ansible rule. It was the variable value of the variables. If width uppercase User plefined If GBL XXXXX Half-width space within 256 Half-width	0	0	0	- name: check file content command: cat //mp/{{ GBL_SAMPLE }})	-The prefst(GBL_) is in lower case command: cat /mp/(f_gb_SMPLE)) -There is no '_' in the prefst(GBL_) -command: cat /mp/(f_gbLSMPLE)) -There are more than 256 characters in the variable name	Global variable list	Error occurs during operation execution because substitution of global variable is not performed	-In the case that prefix(GBL_) is not following the rule RAF (S11)
	When registering file embedded file in the Contents list menu of ITAWebUI, use CPF_ for the prefix of file embedded variable name and the variable name should be within 296Bytes including CPF	0	0	×	file embedded variable name) files Of sample smole_txt	CPF_SAMPLE	Contents list	Since validation check is performed in the registration screen, the file embedded variable name which doesn't follow the ITA additional rule will not be registered	exastro-it-automation says Validation errors occurred.
	The variable inside the playbook are as follows when using file embedded variables. It has description rule of user defined range follows Ansible rule. Has width User defined Has width Within Half-width	0	0	×	- name: allocate file copy: src={(CPF_SAMPLE }) dest-/tmp/SAMPLE.txt	There is no "half-width space" between "((" or "))" and variable name copy: src-((CPF_SAMPLE)) dest-ImpSAMPLE bit copy: src-((CPF_SAMPLE)) dest-ImpSAMPLE bit in the reason of the reaso	Contents list	Error occurs during operation execution because substitution of file embedded variable is not performed	The half-width space bewteen brackets and variable name or the prefs(CPF_) does not follow the rule. Comparison Compa

	Applicable Mode			ode		The affect			
No.	ltem .	Legacy	Role	Pioneer	Examples that can be imported to ITA	Examples that cannot be imported to ITA	function if the rule is not followed	Effect	Error display example
8	For the role package file to be uploaded to Ansible-LegacyRole console, please prepare the zip file that is compressed from the directory of the hearchy level which contains "roles" directory (refer to the exmaple on the right)	×	0	×		No roles directory xxxxxx/drasks/main,yml xxxxx/A/dedisuls/main,yml xxxxx/A/dedisuls/main,yml	Role package list	Warning displays during "upload in advance"	There is no roles directory. Tees No. Role package nase. Role package file (ZIP format) Currently uploaded file: Choose File role.zp Uploaded. File name role.zip Ste247.lbytes
9	Notes when defining array variable in the default variable definition file of each role 'Grigle role pockage If the sense variable same is used between roles but the definition of the member variable in that array variable is different. If the same variable name is used between roles but the variable type contains array "==Error cours during upload - All role packages If the same variable name is used between role packages but the definition of the member - If the same variable name is used between role packages but array variable and romal variable are mixed. => Variable names will not be displayed in substitution list menu	×	0	x	Refer to the another sheet "Notes when defining array variable"	Refer to the another sheet "Notes when defining array variable"	·Single role package Role package list ·All role package substitution value list	-Single role package Role package can't be registered -All role package Value can't be set for array variables Execute with the value defined in role package	Single risk package The definitions of analysis registered in the variable definition file in the role do not match. Variables (VARSAMPLE) Rule name roles/role2 Step in, Wale package sees
10	-When using array variable, please describe the main.yml in the defaults directory referring the example on the right. 36.4 least 1 line must be defined.	×	0		(defaults/main.yml) //AR_01: - (VAR_SAMPLE_01: "001", VAR_SAMPLE_02: "002") - (VAR_SAMPLE_01: "101", VAR_SAMPLE_02: "102")	[defaults/main.yml] VAR_01:	substitution value list	Setting value for member variable is not available because the variable is not recognized as array variable. The "Member variable undefined" error occurs during operation execution	200 March Secretary Secr
11	Adjust the indent into multiple of 2 according to the basic format of construction code.	0	0	0	Δname: Allocate service script Δ template: Δ template: Δ Δ Δ Δ Serc: "(i (leam.src i))" Δ Δ Δ Δ Serc: "(i (leam.dest i))" —comitted~ Δ half-width space	-The indent is not multiple of 2 -Δname. Allocate service script Δ Δ template: Δ Δ Δ cer: {{ tem.src }}* Δ Δ d cer: {{ tem.src }}* - omitted* Δ half with space	Execution	The "Member variable undefined" error occurs during operation execution	Progress states(Crow bog) Fair 1:

Notes when defining array variable

No.	Role package	roles	defaults/main.yml	Function s	Content
4	Completed	Α	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }		Variable names are the same Definition of the member variables in the
1	Sample01	В	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	0	array variable are the same • Description order of member variables are the same
2	Sample01	А	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	0	Variable names are the same Definition of the member variables in the array variable are the same Description order of member variables are different
2	Sampleon	В	VAR_SAMPLE: - { VAR_002: "bbbb" , VAR_001: "aaaa" }		
3	Sample01	Α	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	×	Variable names are the same Definition of the member variables in the array variable are different
	Campico	В	VAR_SAMPLE: - { VAR_003: "aaaa" , VAR_004: "bbbb" }	×	
4	Sample01	А	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	×	Variable names are the same Some of the variable are array variable while others are normal variable
7	Gampieo	В	VAR_SAMPLE: aaaa		
5	Sample01 A		VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	0	Variable names are the same Definition of the member variables in the array variable are the same
J	Sample02	Α	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }		• Description order of member variables are the same
6	Sample01	Α	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	0	Variable names are the same Definition of the member variables in the array variable are the same Description order of member variables are different
O	Sample02	А	VAR_SAMPLE: - { VAR_002: "bbbb" , VAR_001: "aaaa" }		
7	Sample01	А	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	×	Variable names are the same Definition of the member variables in the array variable are different
	Sample02	А	VAR_SAMPLE: - { VAR_003: "aaaa" , VAR_004: "bbbb" }		
8	Sample01	А	VAR_SAMPLE: - { VAR_001: "aaaa" , VAR_002: "bbbb" }	×	Variable names are the same Some of the variable are array variable
J	Sample02	А	VAR_SAMPLE: aaaa	^	while others are normal variable

Example of Ansible's Role application that can be imported in ITA.

Ma	Verieble	module/contents	operation contents			
No	variable	module/contents	operation contents	defaults/main.yml	tasks/main.yml	templates/※※※.txt
1	normal variable	with_items	with_item module using normal variable	VAR_test: SAMPLE	- name: check file content shell: cat /mp/({ item }) with_items: - "({ VAR_SAMPLE })"	-
2	normal variable	if	if syntax using normal variable	VAR_SAMPLE: True	- name: allocate the template which uses array variable template: src=var_array_sample.txt dest=/tmp//%://*.txt	(% if VAR_SAMPLE == True %) The desired output character (% endif %)
3	array variable	with_items	with_item module using array variable	VAR_SAMPLE: - {VAR_001: "aaaa" , VAR_002: "bbbb" } - {VAR_001: "cccc" , VAR_002: "dddd" } - {VAR_001: "eeee" , VAR_002: "ffff" }	- name: check file content shelt: cat /mp/"{{ item.VAR_001 }}" with. Items: -"{{VAR_SAMPLE }}" - name: check file content shelt: cat /mp/"{{ item.VAR_002 }}" with. Items: -"{{VAR_SAMPLE }}"	-
4	array variable	for	for syntax using array variable	VAR_SAMPLE: - {VAR_001: "aaaa" , VAR_002: "bbbb" } - {VAR_001: "cccc" , VAR_002: "dddd" } - {VAR_001: "eeee" , VAR_002: "ffff" }	- name: allocate the template which uses array variable template: src=var_array_sample.txt dest=/tmp/%**.xt	(% for tmp_SAMPLE in VAR_SAMPLE %) {{ tmp_SAMPLE.VAR_001 }} {{ tmp_SAMPLE.VAR_002 }} {% endfor %}
5	array variable	for if	loop control with for syntax and if syntax using array variable	VAR_SAMPLE: - {VAR_01:1, VAR_02:001} - {VAR_01:0, VAR_02:002} - {VAR_01:1, VAR_02:003}	- name: Example of loop and conditional branching application shell: (% for tmp_SAMPLE in VAR_SAMPLE %) (% if tmp_SAMPLE.VAR_01 == 1 %) echo {{tmp_SAMPLE.VAR_02}} (% else %) true (% endif %) (% endfor %)	-
6	array variable	tor	loop control with for syntax and if syntax using array variable	VAR_SAMPLE: - {VAR_01:1, VAR_02:001} - {VAR_01:0, VAR_02:002} - {VAR_01:1, VAR_02:003}	- name: allocate the template which uses array variable template: src=var_array_sample.txt dest=/tmp/%**.txt	{% for tmp_SAMPLE in VAR_SAMPLE %} {% if tmp_SAMPLE.VAR_01 == 1 %} echo {(tmp_SAMPLE.VAR_02 }} {% else %} true {% endid %} {% endfor %}