

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

-Version 1.4-

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

Ansible usage guidelines (ITA additional rules)

	Ansible usage guidelines (TTA additional Tutes) Applicable Mode The effected								
No	. Item		Role Pi	_	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
1	When using variables, the variable inside the playbook are as follows. That width User defined {{ VAR Within 2568yte	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 /mp(("VAR_SAMPLE")) command: cat /mp(("VAR_SAMPLE)) 'There are more than 1 'half-width space' between '((" or "))' and variable name command: cat /mp((" VAR_SAMPLE")) command: cat /mp((" VAR_SAMPLE")) 'The prefix(VAR_) is in lower case command: cat /mp(" (VAR_SAMPLE")) 'There is no '." in the prefix(VAR_) command: cat /mp(" (VAR_SAMPLE")) 'There are more than 256 characters in the variable name	substitution value list	- During registration Variable names with of display as candidates even though Movement is selected. The "undefined variable" error occurs during operation execution - During updatet(Update a playbook whose description does not follow ITA addition rules after registered in substitution value list) "Di Conversion false(m)" (Sint is the management number given during registration) is displayed for the variable name. The "undefined variable" error occurs during operation searching.	Total No. Secretion Secret
2	When registering template file in the template list menu of ITAWebUI, use TPF_ for the prefix of template embedded variable name and the variable name should be within 256Bytes including TPF	0	×	×	Template embedded veriable mame	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.
3	The variable inside the playbook are as follows when assigning uploaded template files in playbook. If The description rule of user-defined range follows Ansible rule. It is defined Consider the control of the c	0	×	×	- name: allocate file template: src={{ TPF_SAMPLE }} dest=/lmp/SAMPLE.bxt	*There is no "half-width space" between '{\(\) ft or '\) and variable name template: src-{\((\) \) FS.AMPLE\) dest-hmpSAMPLE\) of template: src-{\((\) \) FS.AMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) FS.AMPLE\ dest-hmpSAMPLE\) of the template: src-{\((\) \) \) FS.AMPLE\ dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template: src-{\((\) \) \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template src-{\((\) \) \ \ \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template src-{\((\) \) \ \ \ \) \ (TSAMPLE\) dest-hmpSAMPLE\) of the template src-{\((\) \) \ \ \ \) \ \ \ \ \ \ \ \ \ \ \	Template list	The substitution of the registered template file is not performed	Table (top top) The part of t
4	When registering global variables in the Global variable list menu of ITAWebUI, use GBL_ for the prefix of global variable name and the variable name should be within 1288yes including GBL	0	0	0	Global varieble meme p Specific value p BBL_sample sample.txt	GBL_SAMPLE	Global variable list	Since validation check is performed in the registration scream, the global variable name which doesn't follow the ITA additional rule will not be registered	exastro-it-automation says Validation errors occurred.
5	The variable inside the playbook are as follows when using global variables. If the description rule of uner-defined range follows Anable rule. If the variable rule is the playbook are so that with the playbook are as follows when using global variables.	0	0	0	- name: check file content command: cat /mp/{{ GBL_SAMPLE }})	-The prefix(GBL_) is in lower case command: cat /mp/(gbl_SAMPLE)) -There is no "." in the prefix(GBL_) -command: cat /mp/(GBLSAMPLE)) -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 Ref (SII)
6	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 256Bytes including CPF	0	0	×	File embedded variable named Files File smple.tet	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.
7	The variable inside the playbook are as follows when using file embedded variables. %The description rule of user defined range follows Arable rule. Half-width User defined {{_CPF	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: sto:= (CPF_SAMPLE) desti-timp/SAMPLE bit copy: sto:= (CPF_SAMPLE) desti-timp/SAMPLE bit "There are more than 1" half-width space between "{ or " }" and variable name care: orange: sto:={ CPF_SAMPLE } desti-timp/SAMPLE.bit "The copy: sto:={ CPF_SAMPLE } desti-timp/SAMPLE.bit "There is no "" in the prefugPF	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 prefix(CPF_) does not follow the rule. See Black to 1 See Bl

	Applicable M		ble Mode		The affected			
No.	ltem .	Legacy Ro	le Pio	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 2p life that is compressed from the directory of the hearthy level which contains "roles" directory/(refer to the exmaple on the right)	× C		2	No roles directory you concor/Addisats/main.yml youcou/Addisats/main.yml youcou/Addisats/main.yml	Role package list	Warning displays during "upload in advance"	There is no roles directory. Item No. Role package name. 2 error_role
9	Notes when defining array variable in the default variable definition file of each role "Engle to le package." If he same variable arms is used between roles but the definition of the member variable in that array variable is different If he same variable name is used between roles but the variable type contains array variable and normal variable. File same variable name is used between roles packages but the variable of the member. 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 normal variable are mixed. >Variable names will not be displayed in substitution list menu	× C		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 Alf role package Value can't be set for array variables Execute with the value defined in role package	Single role peckage The definition of variable registered in the variable definition file in the role do not match. variable (VAR_SANRE) Role name roles/role2
10	-When using array variable, please describe the main.yml in the defaults directory referring the example on the right.	× c)	[defaults/main.ym/] VAR_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	Prime to the control of the control
11	Adjust the indent into multiple of 2 according to the basic format of construction code.	0 0) (- Δ name: Affociate service script Δ template: Δ Δ care: {{ sem.src }}' Δ Δ Δ set: {{ sem.src }}' Δ Δ dest: {{ tem.src }}' Δ -contaid	The indent is not multiple of 2 -∆name. Allocate service script △∆template: △△∆ser. "(if tem. ser.)" △△∆dest. "(if (aem.dest.)" -continet- △.half-widt hapace	Execution	The "Member variable undefined " error occurs during operation execution	Program state((lime-log)) File:

Notes when defining array variable

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

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

	Mandal I.			directory/file					
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/tmp/{{ 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 is defined and 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.llems: - "{{ VAR_SAMPLE }}* - name: check file content shelt: cat /mp/*{{ item.VAR_002 }}* with.llems: - "{{ 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/※※.txt 	(% 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	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: 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 %)			