What's new: Cloud Automation with amazon.aws 6.0.0

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New **amazon.aws** 6.0 release

Source:

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New boto3/botocore Versioning

- The amazon.aws Collection has dropped support for `botocore<1.25.0` and `boto3<1.22.0`. Most modules will continue to work with older versions of the AWS Software Development Kit (SDK), however, compatibility with older versions of the AWS SDK is not guaranteed and will not be tested.

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New Python Support Policy

- On July 30, 2022, AWS announced that the AWS Command Line Interface (AWS CLI) v1 and AWS SDK for Python (boto3 and botocore), will no longer support Python 3.6.
- Support for Python less than 3.7 by this collection will be removed in release 7.0.0.

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Code Quality and CI Improvement

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- We have adopted several linting and formatting tools that help enforce coding conventions and best practice, by ensuring that all code follows the same style and standards.
- Several plugins have undergone refactoring make the code more efficient and maintainable.
- We have also extended the coverage of unit tests to ensure that the code behaves as expected.
- Move to GitHub actions for CI from Zuul.

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Deprecated Features

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`boto3_profile` alias for the `profile` option has been deprecated. Please use `profile` instead.

The `amazon.aws.s3_object` and `amazon.aws.s3_object_info` modules:

- Passing contemporarily `dualstack` and `endpoint_url` has been deprecated. The `dualstack` parameter is ignored when `endpoint_url` is passed.
- Support for passing values of `overwrite` other than `always`, `never`, `different` or `last` has been deprecated. Boolean values should be replaced by the strings `always` or `never`.

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Removed Features

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Removed Features

Module	Features Removed
`ec2_vpc_endpoint_info`	Support for the `query` parameter has been removed. The `amazon.aws.ec2_vpc_endpoint_info` module now only queries for endpoints. Services can be queried using the `amazon.aws.ec2_vpc_endpoint_service_info` module.
`s3_object`	Support for creating and deleting S3 buckets using the `amazon.aws.s3_object` module has been removed. S3 buckets can be created and deleted using the `amazon.aws.s3_bucket` module.

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Renamings

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Renamings

`amazon.aws.aws_secret -> amazon.aws.secretsmanager_secret`
`amazon.aws.aws_ssm -> amazon.aws.ssm_parameter`

Option	Renamed to
`aws_profile`	`profile` (`aws_profile` remains as an alias)
`aws_access_key`	`access_key` (`aws_access_key` remains as an alias)
`aws_secret_key`	`secret_key` (`aws_secret_key` remains as an alias)
`aws_security_token`	`security_token` (`aws_security_token` remains as an alias)

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New Plugins

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New Plugins

Module	Description
`backup_restore_job_info`	List detailed information about AWS Backup restore jobs initiated to restore a saved resource.
`backup_vault`	Manage AWS Backup vaults.
`backup_vault_info`	Get detailed information about an AWS Backup vault.
`backup_plan`	Manage AWS Backup plans.
`backup_plan_info`	Get detailed information about an AWS Backup Plan.
`backup_selection`	Manages AWS Backup selections.
`backup_selection_info`	Get detailed information about AWS Backup selections.
`backup_tag`	Manage tags on backup plan, backup vault, recovery point.
`backup_tag_info`	List tags on AWS Backup resources.

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