Terraform Modules

Look at the Azure terraform modules that have been created by the Cloud Platform team and other contributors:

1. Azure Modules: https://stash.westpac.co.nz/projects/CP
2. On Premise VM Modules: https://stash.westpac.co.nz/projects/TER

Document generation for module maintainers

Judge Dredd

Modules in the Cloud Platform project automatically insert the documentation when the README.md contains the appropriate templating vars, see https://stash.westpac.co.nz/projects/CP/repos/terraform_judge_dredd/browse for more information.

Terraform Docs

Other modules are maintained manually, however can be generated using terraform doc, see https://github.com/terraform-docs/terraform-docs.

My preferred approach is to insert this into the README.md file at the appropriate location:

```
## Module Reference

<!-- BEGIN_TF_DOCS -->
<!-- END_TF_DOCS -->
```

And run this command from the folder containing the readme. This can be re-run as many times as required as it will always update the content between the begin and end tags.

```
terraform-docs markdown table --output-file README.md --output-mode inject
--indent 3 .
```