Misc infrastructure - Feature # 204: Support Boot Loader Spec in Grub

Status:	In Progress	**Priority:**	Normal
Author:	admin	**Category:**	
Created:	2022-01-26	**Assigned to:**	
Updated:	2022-01-30	**Due date:**	
Subject:	Support Boot Loader Spec in Grub		
Description:	VMs at BitFolk are booted by a grub2 image configured to work in either PVH or PV mode. These then read the guest's grub configuration. Newer Linux distributions including CentOS Stream 8, CentOS Stream 9 and Fedora are now using something called the "Boot Loader Spec":https://fedoraproject.org/wiki/Changes/BootLoaderSpecByDefault. It looks like this needs an upgrade of Grub on BitFolk's side to support.		

History

2022-01-30 15:30 - admin

At the moment this appears to be a Red Hat / Fedora innovation that has not yet been merged to the upstream grub source. I can't find a simple self-contained patch set that brings this feature to upstream grub so I'm going to hold off on this for a while.

The feature can be disabled in RHEL-like and Fedora with:

<pre>
echo "GRUB_ENABLE_BLSCFG=false" >> /etc/default/grub
</pre>

The symptom of trying to boot with this enabled is that BitFolk's grub complains of missing command and module "blscfg".

2022-01-30 15:30 - admin

- Status changed from New to In Progress