

# Parallels®

## Virtual Desktop | VDI | Insight

Together with IT industry expert and Parallels VIPP member Christiaan Brinkhoff, Parallels recently created a survey which was shared with our customers. The goal was to uncover market trends, identify challenges and get insights on how far organizations are in their transformation to the Virtual Desktop Infrastructure (VDI) and the cloud. We think this could help you a lot with your VDI projects and journey to the cloud, whether it's private, public or hybrid.

### Main Findings

80%



Use VDI in production

Main Drivers



Remote Access, User device independent (or any device), Security



80%



Connect via mobile devices

60%

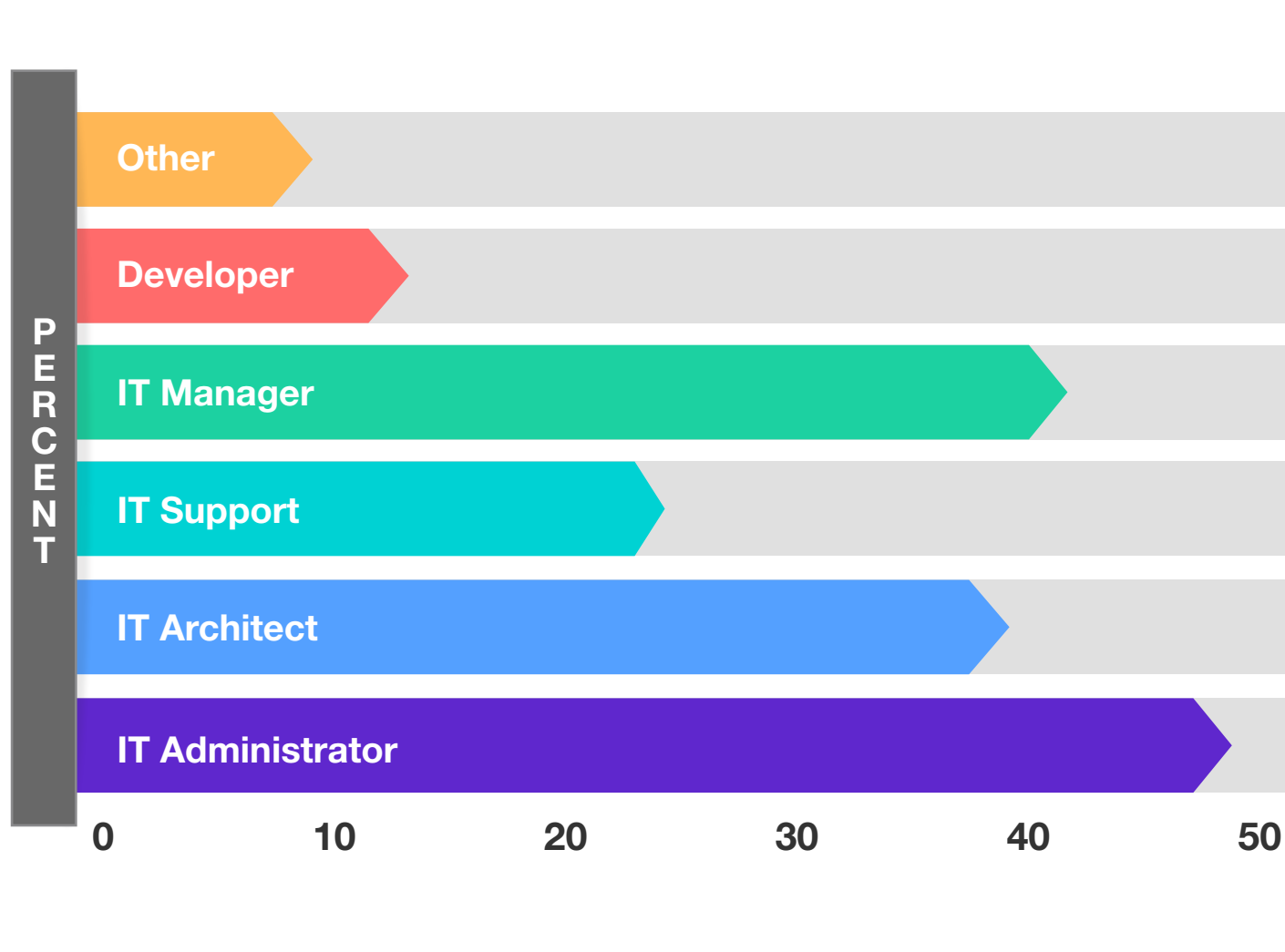


Are into hybrid and multi-cloud strategies

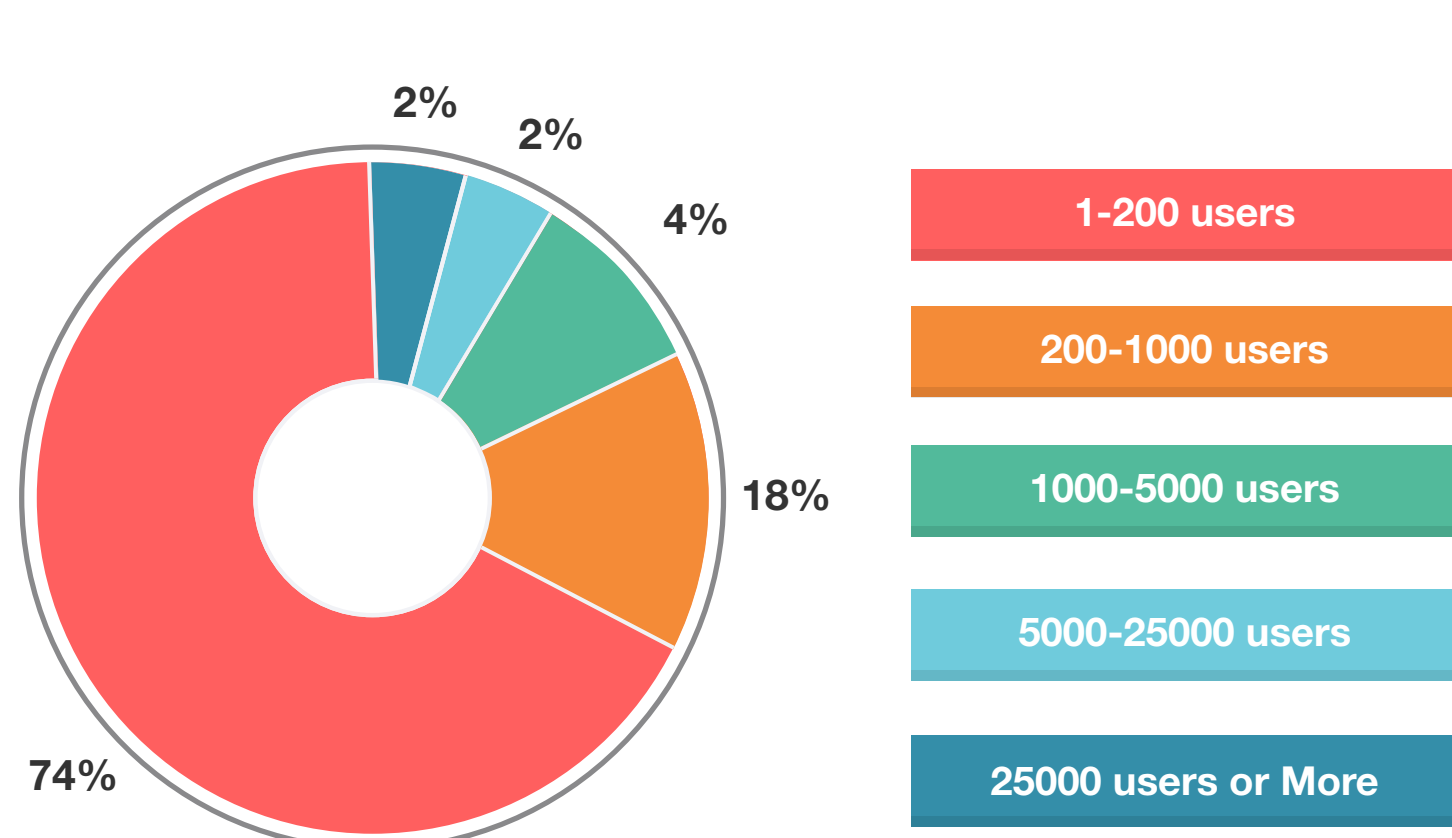
### SURVEY AUDIENCE OVERVIEW

The survey was sent to over of Parallels RAS customers in the Small & Medium Enterprise (SME) segment, across the globe, targeting mostly IT professionals. We collected 130 responses, 95% of the organizations interviewed are in the range of 1-1000 employees, and more than 80% of the contacts interviewed are IT Pros. The VDI term used in the survey indicate any virtual desktop delivery option Session based Remote Desktop Service Host (RDSH) and VM-Based based on Desktop/Server OS.

#### WHAT IS YOUR MAIN ROLE IN IT?

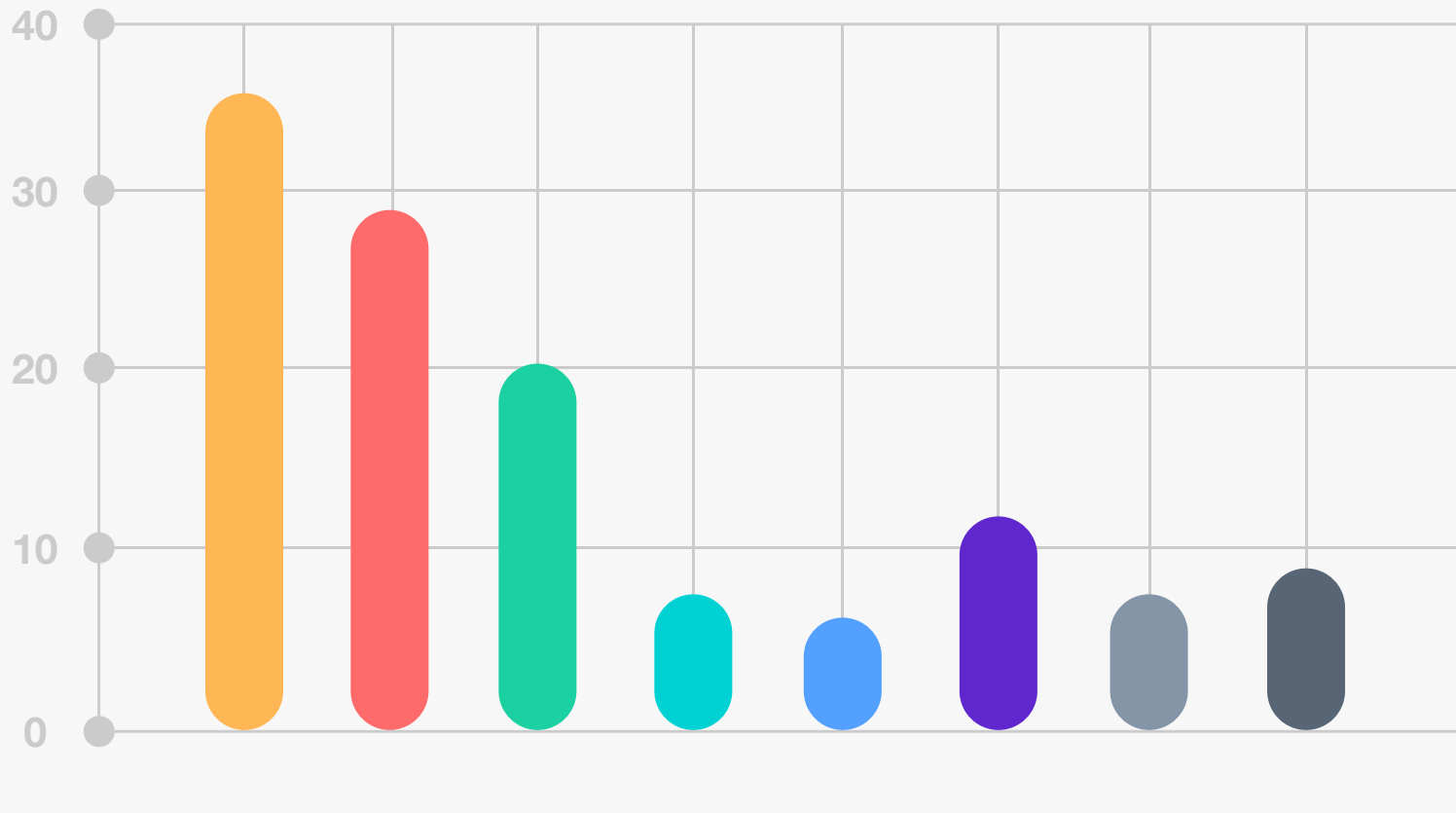


#### WHAT IS CURRENT SIZE OF YOUR VDI ENVIRONMENT ?



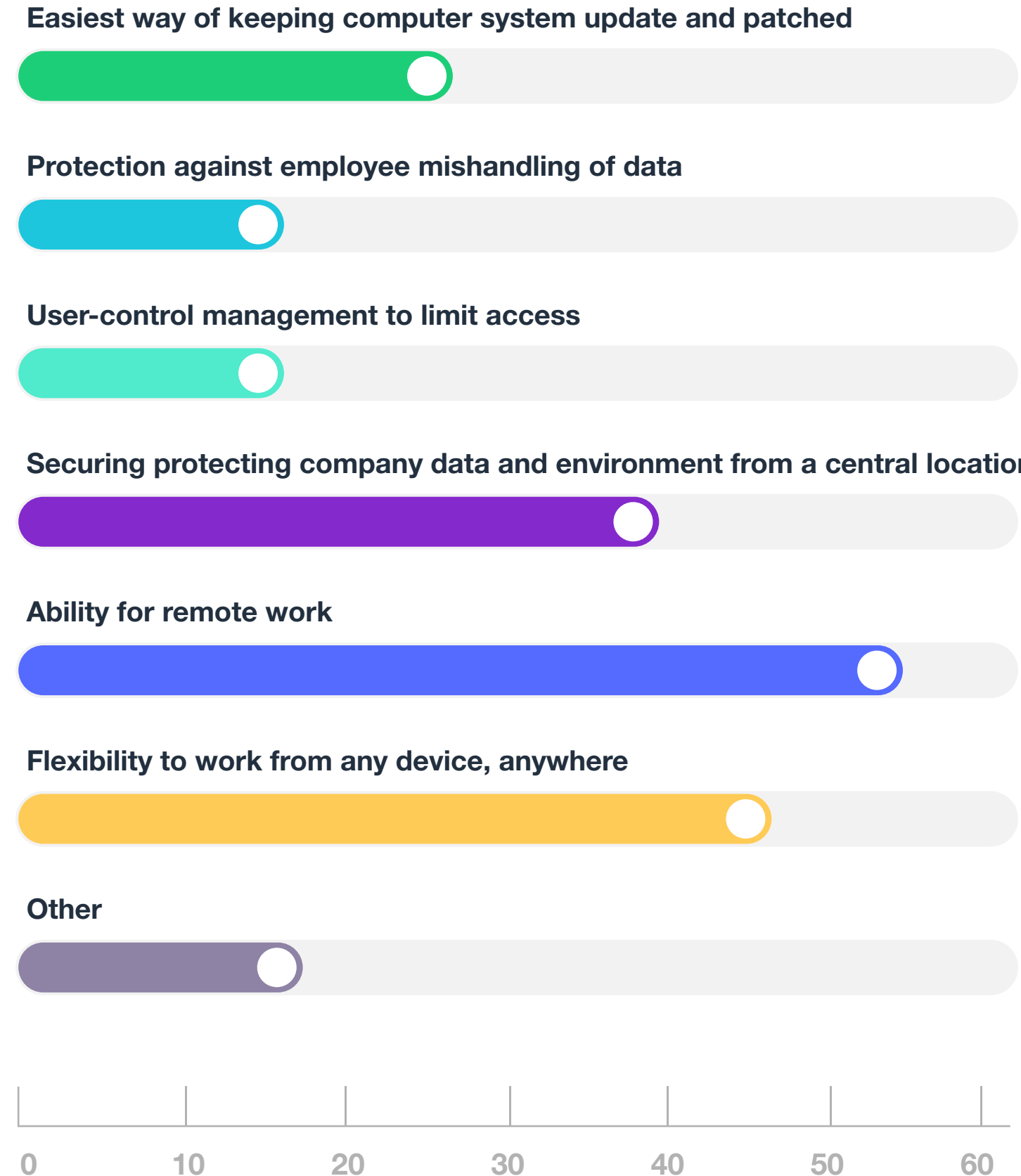
### 1 WHAT IS THE CURRENT STATUS OF YOUR VDI ENVIRONMENT?

Although the majority (>80%) of respondents are already using VDI in production environments, there are a few who are still in the pilot and proof-of-concept stage, and even a few who are not yet sure whether to adopt VDI.



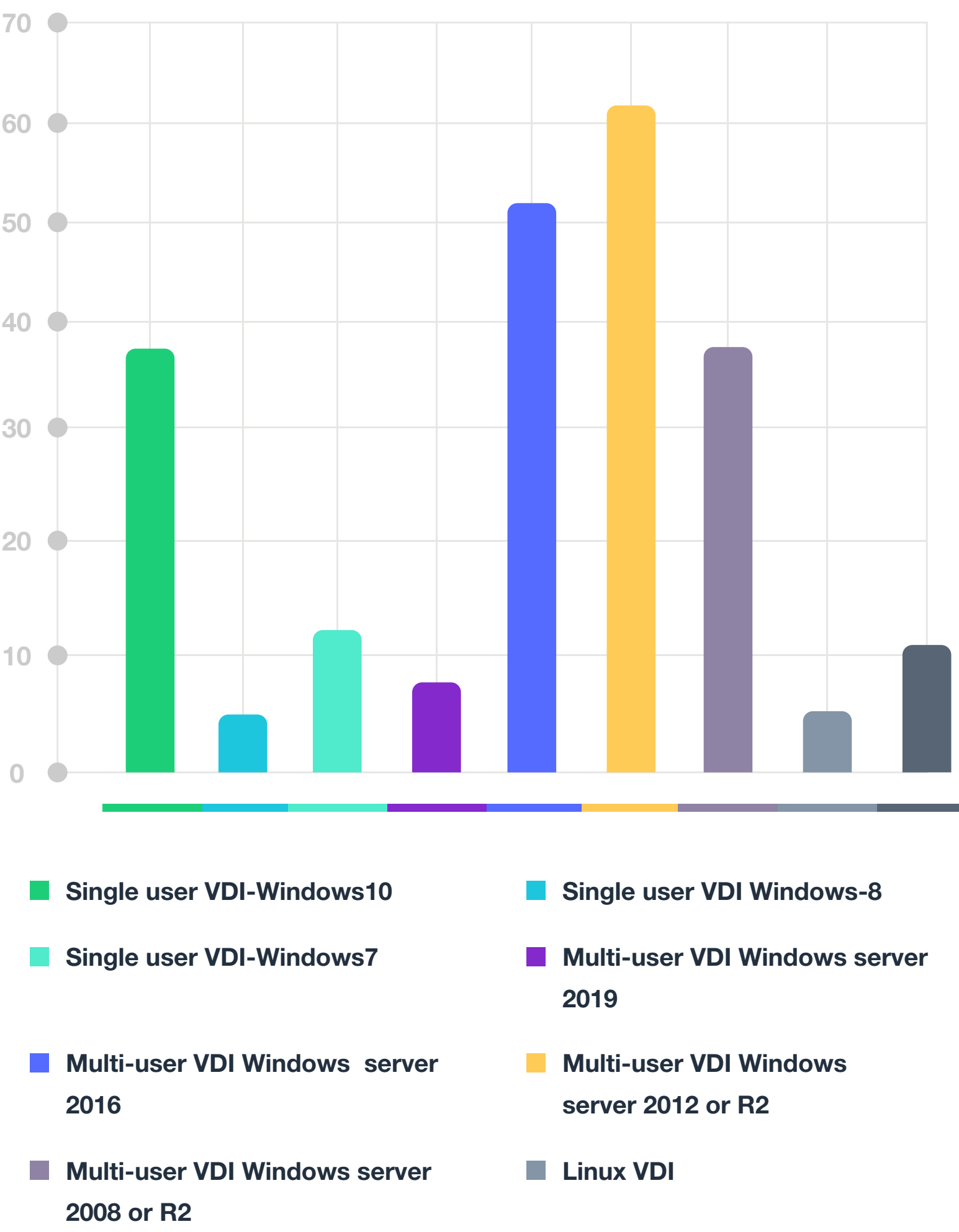
### 2 WHAT IS THE MOST IMPORTANT REASON FOR CHOOSING VDI WORKLOADS FOR YOUR BUSINESS?

Companies are scrambling to meet new employee workspace preferences and practices that call for more freedom and flexibility (e.g. Teleworking using any device in a secure manner).



### 3 WHAT TYPE OF OPERATING SYSTEM ARE YOU USING ON TOP OF VDI TO RUN YOUR APPLICATIONS AND DESKTOPS?

The majority of the respondents use server based operating systems that support multi-user virtual desktops (RDSH). However, a significant number also use the Windows Desktop for single-user virtual desktops.



### 4 WHAT ENDPOINTS ARE CONNECTING TO YOUR VDI WORKLOADS?

Although traditional endpoints like thin clients and fat clients constitute a large portion of the devices connecting to VDI workloads, a much larger chunk is made up of mobile devices (i.e. laptops, Microsoft Surface tablets, other tablets, mobile phones, and personal devices).



### 5 ARE YOU PLANNING TO MIGRATE WORKLOADS TO THE CLOUD WITHIN THE NEXT 6-12 MONTHS?

Almost 50% said they are already running partly on the public cloud or are considering moving very soon. Moving workloads to the cloud remains popular among a lot of companies which in turn resonates with this survey's results.



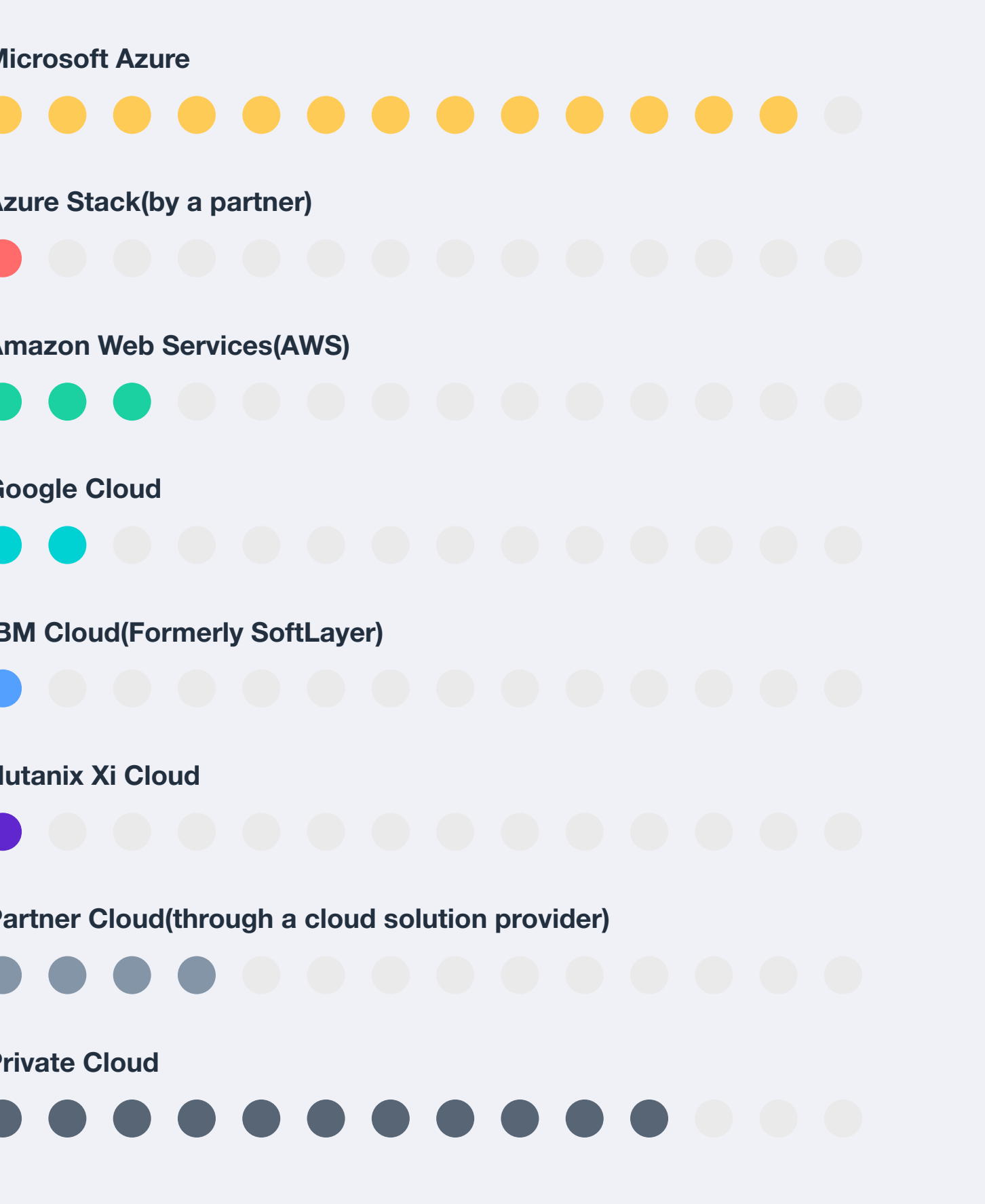
### 7 WHAT ARE YOUR MAJOR CONCERNS ABOUT GOING TO THE CLOUD?

While this migration is often associated with cost savings, the results of cloud survey show that more than 40% are actually concerned with the potential costs when they get there. This underlines the importance of picking solutions for the cloud that can help bring down total cost of ownership (TCO).



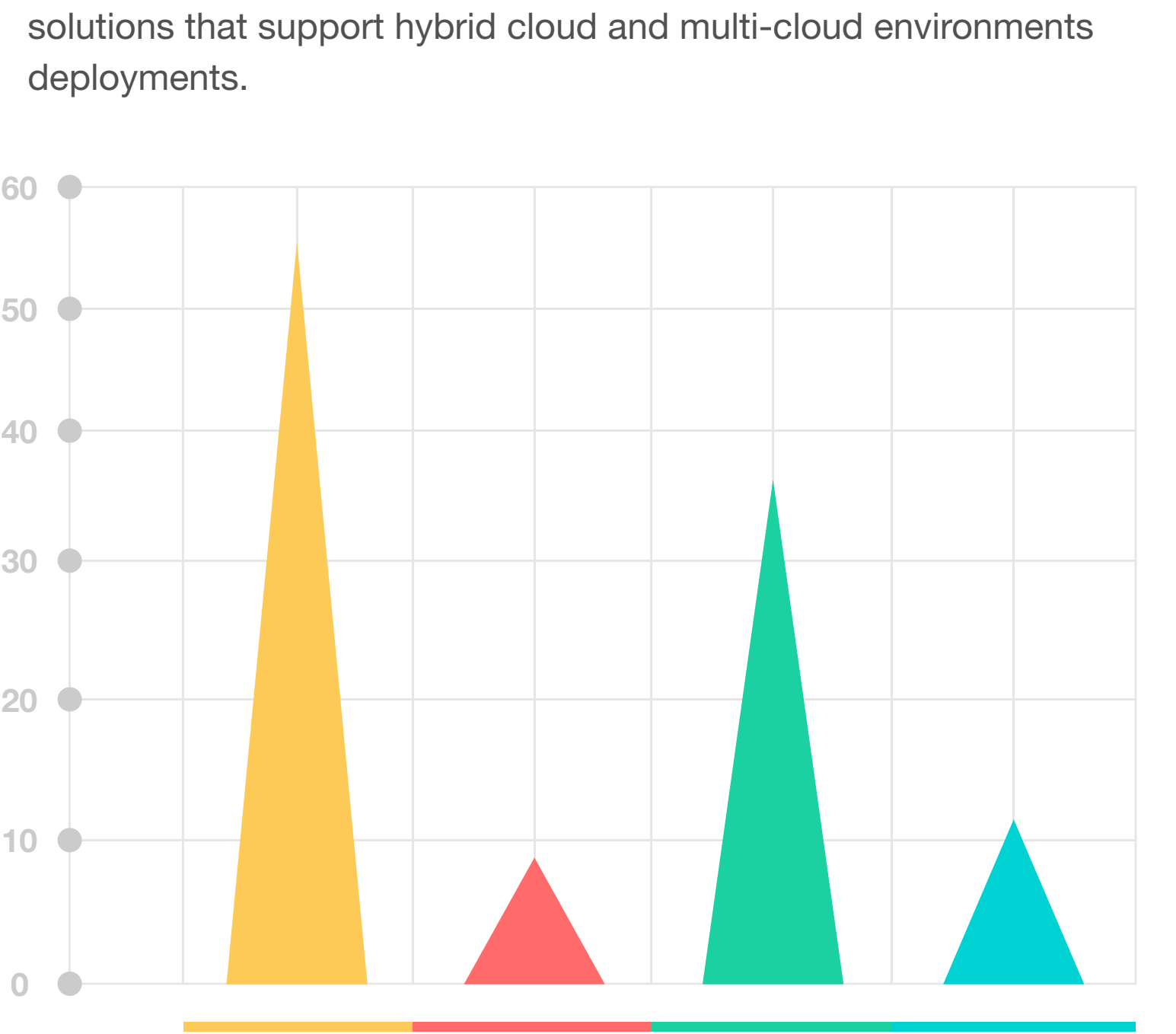
### 8 WHAT CLOUD IAAS/PAAS/DAAS VENDORS ARE ON YOUR LIST?

More than 60% said that Microsoft Azure was on their list. However, more than 50% also said they were interested in private clouds. This overlap is in line with the general observation that businesses are now more into multi-cloud strategies rather than relying on a single cloud.



### 9 WHERE ARE YOUR COMPANY APPLICATIONS AND DATA LOCATED?

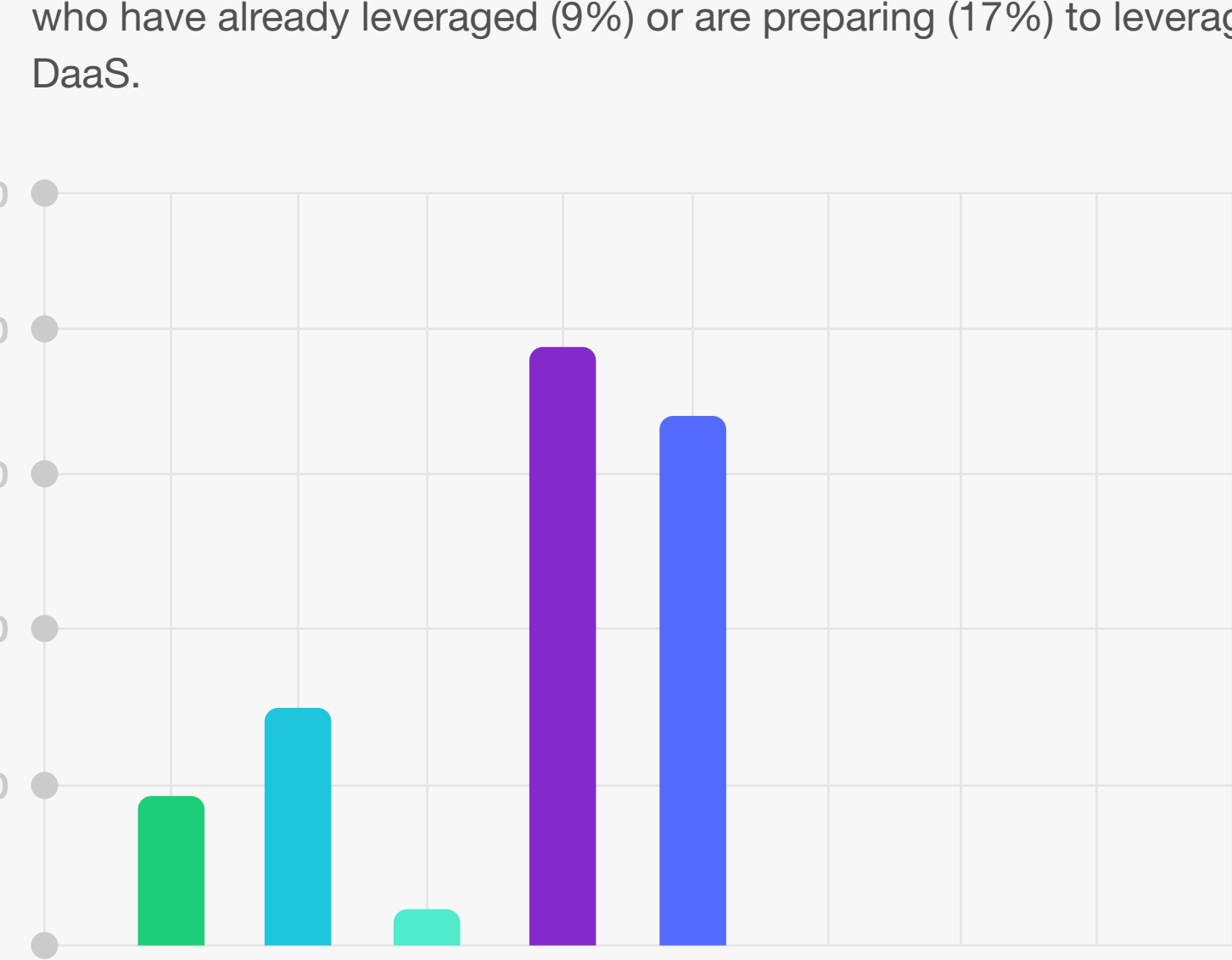
Only 8% kept company applications and data purely in the public cloud. Most have chosen to either leave them entirely (55%) on-premises or (38%) distributed between public and on-premises deployments. This underlines the importance of solutions that support hybrid cloud and multi-cloud environments deployments.



### 10 WHAT IS THE STATUS OF DAAS ADOPTION TODAY?

Are you considering Desktop as a Service (DaaS) anytime soon?

Although a large percentage of the respondents were still unsure as to whether they would be considering DaaS anytime soon, 39% were already investigating it. At the same time, there were those who have already leveraged (9%) or are preparing (17%) to leverage DaaS.



### VDI, DAAS & CLOUD COMPUTING - FINAL COMMENTS

As companies gain more experience in VDI and public clouds, they'll eventually discover the advantages of adopting a hybrid cloud approach to VDI. As to whether they're just going to deploy their VDI infrastructure on public clouds or really go full DaaS, still remains to be seen.

1

VDI adoption is steadily gaining maturity.

2

The majority of VDI deployments are eventually going to be part of a hybrid cloud strategy.

3

DaaS, although relatively new, is starting to establish itself as a solid alternative to traditional VDI and is poised to break out anytime soon.